

Converting Colors

YUV(237.7440, 1.6052, -1.5295)

Have a look what the booklet for
YUV(237.7440, 1.6052, -1.5295)
contains.

YUV(237.7440, 1.6052, -1.5295)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(237.7440, 1.6052,
-1.5295)**

Conversions

Conversions Part 1

Format	Color
Hex	ECEEF1
RGB	236, 238, 241
RGB Percent	93%, 93%, 95%
CMY	0.0745, 0.0667, 0.0549
CMYK	0.02, 0.01, 0.00, 0.05
HSL	216°, 15%, 94%
HSV	216°, 2%, 95%
XYZ	81.0438, 85.3328, 95.4185
YIQ	237.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

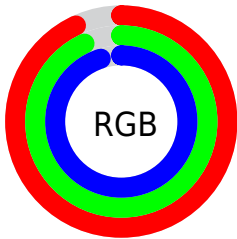
Format	Color
R _Y B	236, 237, 241
Decimal	15527665
CIE Lab	94.03, -0.12, -1.69
CIE LCh	94, 1.694, 265.877
Yxy	85.3328, 0.3096, 0.3260
Android (android.graphics.Color)	4293717745 (0xFFECEEF1)
YUV	237.7440, 1.6052, -1.5295
Hunter-Lab	92.3758, -5.0546, 3.4201

Details

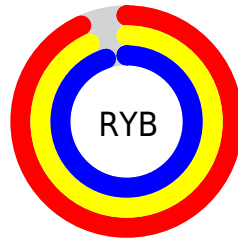
The YUV color $237.7440, 1.6052, -1.5295$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.2560, -1.6052, 1.5295$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.7440, 1.6052, -1.5295$ is the 20% darker color. If you saturate the color by 10%, you get $222.3500, 9.1945, -9.0769$, and if you desaturate by 10%, it is $251.6430, -5.2470, 2.9441$.

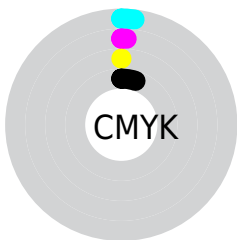
Distribution



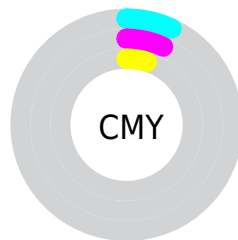
- Red (93%)
- Green (93%)
- Blue (95%)



- Red (93%)
- Yellow (93%)
- Blue (95%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.7440, 1.6052, -1.5295 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 237.7440, 1.6052, -1.5295 by changing the saturation by 10% instead.

■ 237.7440, 1.6052,
-1.5295

■ 237.7440, 1.6052,
-1.5295

255.0000, 0.0000,
0.0000

■ 209.7440, 1.6052,
-1.5295

■ 181.7440, 1.6052,
-1.5295

■ 154.7440, 1.6052,
-1.5295

■ 129.0430, 1.4578,
-0.9147

■ 103.7440, 1.6052,
-1.5295

■ 79.7440, 1.6052,
-1.5295

■ 57.0430, 1.4578,

-0.9147

■ 35.6300, 1.1684,
-1.4295

■ 13.7440, 1.6052,
-1.5295

■ 237.7440, 1.6052,
-1.5295

■ 237.7440, 1.6052,
-1.5295

■ 222.3500, 9.1945,
-9.0769

■ 251.6430, -5.2470,
2.9441

■ 206.3690, 17.0731,
-16.1096

■ 253.4040, -6.1152,
1.3997

■ 190.9750, 24.6623,
-23.6571

■ 174.9940, 32.5410,
-30.6897

■ 159.6000, 40.1302,
-38.2372

■ 143.3200, 48.1562,
-45.8846

■ 127.9260, 55.7455,
-53.4321

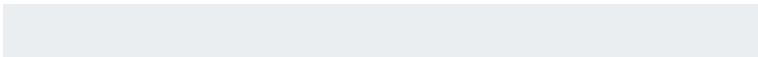
■ 111.9450, 63.6241,
-60.4648

■ 96.5510, 71.2134,
-68.0122

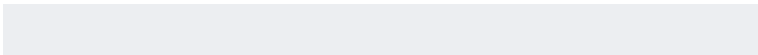
Harmonies

Analogous

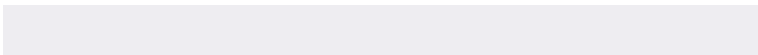
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.3310, 1.3158, -2.0443



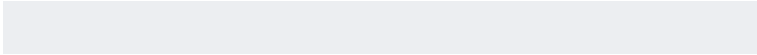
237.7440, 1.6052, -1.5295



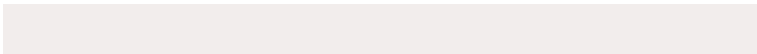
237.7550, 1.5998, 0.2149

Triad

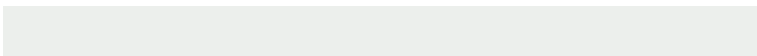
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.7440, 1.6052, -1.5295



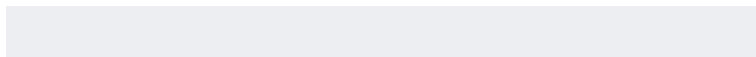
238.3810, -1.1738, 3.1739



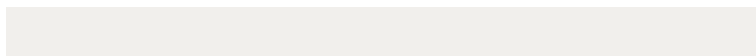
237.7610, -0.8682, -1.5444

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



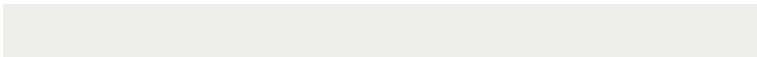
237.7440, 1.6052, -1.5295



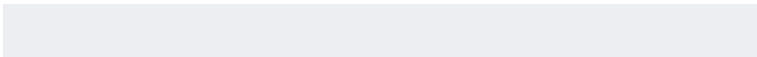
239.2560, -1.6052, 1.5295

Split Complementary

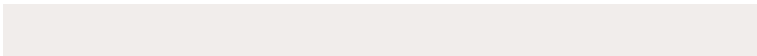
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.6580, -1.3104, 0.2999



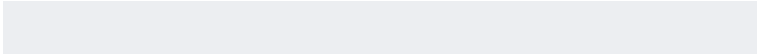
237.7440, 1.6052, -1.5295



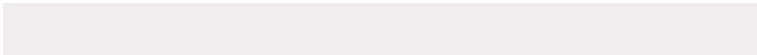
237.9680, -1.4632, 2.6591

Square

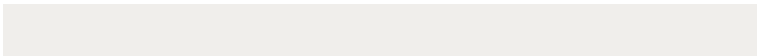
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



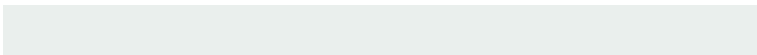
237.7440, 1.6052, -1.5295



238.3100, -0.1528, 2.3591



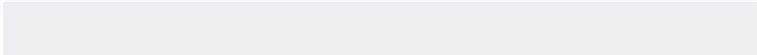
238.2560, -1.6052, 1.5295



237.2770, -0.1366, -2.8739

Rectangle

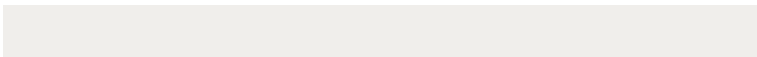
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



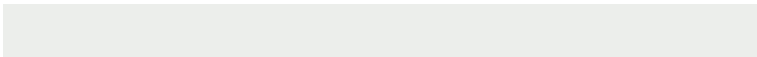
237.7440, 1.6052, -1.5295



237.9400, 1.0156, 0.9296



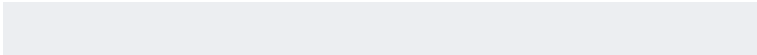
238.2560, -1.6052, 1.5295



237.0600, -1.0156, -0.9296

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



237.7440, 1.6052, -1.5295



252.9290, 1.0210, -0.8147



239.2770, -0.1366, -2.8739



126.8150, 0.5842, -0.7148



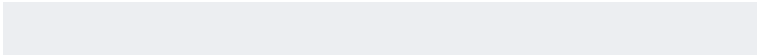
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

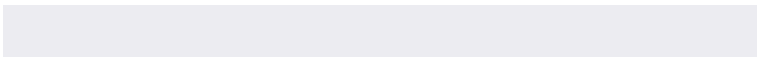
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.7440, 1.6052, -1.5295



251.7440, 1.6052, -1.5295



236.5700, 2.1840, -0.4999



117.9290, 1.0210, -0.8147



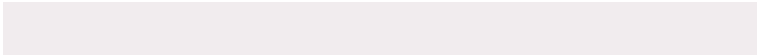
63.8270, 59.2453, -55.9763



19.2980, 18.0941, -16.9243

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



237.7230, 0.1366, 2.8739



251.7230, 0.1366, 2.8739



240.1310, -2.0366, -0.1149



118.0110, -0.0054, 1.7444



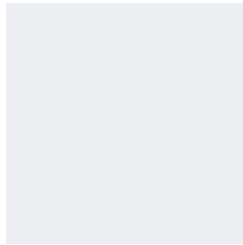
63.3380, 4.7634, 105.8206



19.2520, 1.3548, 32.2280

Previews

White Background



This preview shows how the YUV color 237.7440, 1.6052, -1.5295 looks on a white background.

Color Contrast Check

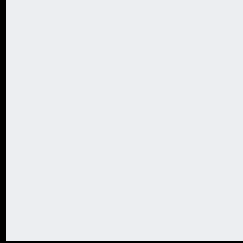
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 237.7440, 1.6052, -1.5295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

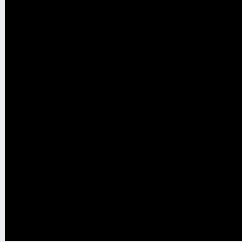
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

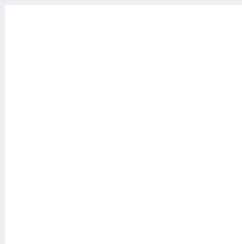
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 237.7440, 1.6052, -1.5295

Background



This preview shows how black text looks on a background with the YUV color 237.7440, 1.6052, -1.5295.



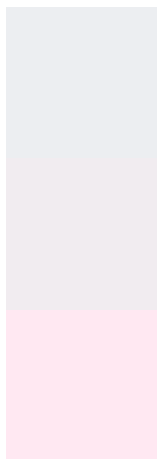
This preview shows how white text looks on a background with the YUV color 237.7440, 1.6052, -1.5295.

-1.5295.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

237.7440, 1.6052, -1.5295

Protanopia

237.9510, 1.0102, 2.6740

Deuteranopia

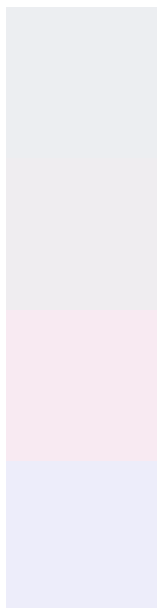
240.0170, 0.9776, 13.1401



Tritanopia

238.7640, 8.0043, -0.6700

Trichromacy



Original Color

237.7440, 1.6052, -1.5295

Protanomaly

237.9400, 1.0156, 0.9296

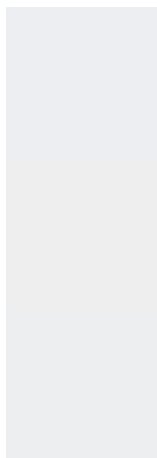
Deuteranomaly

239.0980, 1.4307, 7.8071

Tritanomaly

238.4820, 5.6784, -1.2997

Monochromacy



Original Color

237.7440, 1.6052, -1.5295

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

237.8150, 0.5842, -0.7148

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.7440, 1.6052, -1.5295 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(236, 238, 241)` looks like.

```
.text, #text, p{  
    color:rgb(236, 238, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(236, 238, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 238, 241) }
```

Border

The CSS property to change the border of an element to YUV 237.7440, 1.6052, -1.5295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 238, 241) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(236, 238, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(236, 238, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 238, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 238, 241);  
box-shadow:4px 4px 4px 4px rgb(236, 238,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 237.7440, 1.6052, -1.5295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 238, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(236,  
238, 241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor