

Converting Colors

YUV(240.4360, -4.6519, -1.2594)

Have a look what the booklet for
YUV(240.4360, -4.6519, -1.2594)
contains.

YUV(240.4360, -4.6519, -1.2594)	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(240.4360, -4.6519,
-1.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF3E7
RGB	239, 243, 231
RGB Percent	94%, 95%, 91%
CMY	0.0627, 0.0471, 0.0941
CMYK	0.02, 0.00, 0.05, 0.05
HSL	80°, 33%, 93%
HSV	80°, 5%, 95%
XYZ	82.0710, 88.2214, 88.3041
YIQ	240.4360, 1.4680, -4.5800

Conversions

Conversions Part 2

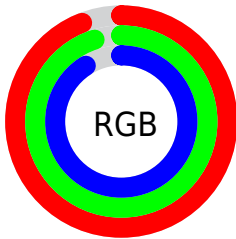
Format	Color
R _Y B	231, 243, 235
Decimal	15725543
CIE Lab	95.25, -3.42, 5.31
CIE LCh	95, 6.313, 122.794
Yxy	88.2214, 0.3174, 0.3412
Android (android.graphics.Color)	4293915623 (0xFFEFF3E7)
YUV	240.4360, -4.6519, -1.2594
Hunter-Lab	93.9263, -8.4010, 10.0073

Details

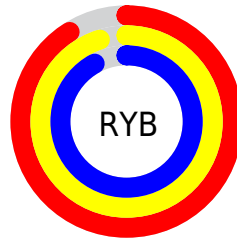
The YUV color $240.4360, -4.6519, -1.2594$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.5640, 4.6519, 1.2594$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.4360, -4.6519, -1.2594$ is the 20% darker color. If you saturate the color by 10%, you get $235.3080, -13.9558, -3.7781$, and if you desaturate by 10%, it is $245.5640, 4.6519, 1.2594$.

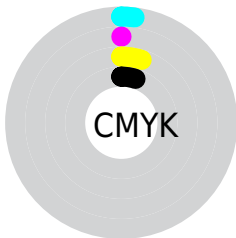
Distribution



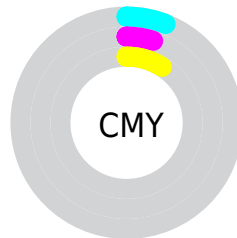
- Red (94%)
- Green (95%)
- Blue (91%)



- Red (91%)
- Yellow (95%)
- Blue (92%)



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



- Cyan (6%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.4360, -4.6519, -1.2594 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 240.4360, -4.6519, -1.2594 by changing the saturation by 10% instead.

■ 240.4360, -4.6519,
-1.2594

■ 240.4360, -4.6519,
-1.2594

255.0000, 0.0000,
0.0000

■ 212.4360, -4.6519,
-1.2594

■ 184.4360, -4.6519,
-1.2594

■ 157.5500, -4.2151,
-1.3593

■ 131.5500, -4.2151,
-1.3593

■ 106.5500, -4.2151,
-1.3593

■ 81.9630, -3.9258,
-0.8446

■ 59.0770, -3.4890,

-0.9445

■ 37.1910, -3.0522,
-1.0445

■ 16.3220, -5.0887,
-1.1594

■ 240.4360, -4.6519,
-1.2594

■ 240.4360, -4.6519,
-1.2594

■ 235.3080,
-13.9558, -3.7781

■ 245.5640, 4.6519,
1.2594

■ 230.0660,
-23.6965, -6.1969

■ 247.9560, 3.4727,
6.1776

■ 224.9380,
-33.0004, -8.7156

■ 219.8100,
-42.3043, -11.2344

■ 214.6820,
-51.6082, -13.7531

■ 209.1410,
-61.2015, -16.7867

■ 204.0130,
-70.5054, -19.3054

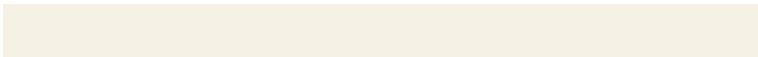
■ 198.8850,
-79.8093, -21.8241

■ 193.6430,
-89.5500, -24.2429

Harmonies

Analogous

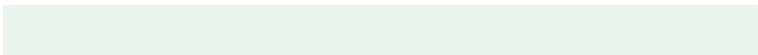
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.1270, -5.9786, 4.2736



240.4360, -4.6519, -1.2594



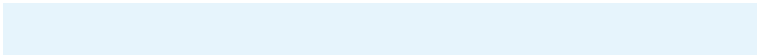
239.5000, -1.7255, -6.5775

Triad

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



240.4360, -4.6519, -1.2594



240.7260, 5.5581, -9.4067



242.5390, -0.7587, 10.0513

Complementary

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



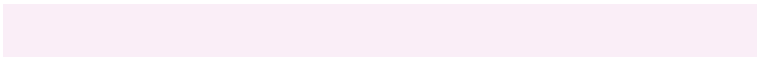
240.4360, -4.6519, -1.2594



233.5640, 4.6519, 1.2594

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.



242.6140, 2.1623, 6.4775



240.4360, -4.6519, -1.2594



241.4600, 5.6892, -4.7884

Square

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



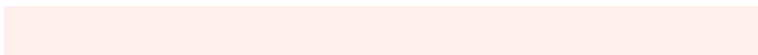
240.4360, -4.6519, -1.2594



239.9600, 3.9637, -11.3659



242.2650, 4.7994, 0.6446



242.7410, -3.8163, 10.7511

Rectangle

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



240.4360, -4.6519, -1.2594



239.6460, 0.1745, -9.3365



242.2650, 4.7994, 0.6446



242.4680, 0.2623, 9.2366

Sweetspot

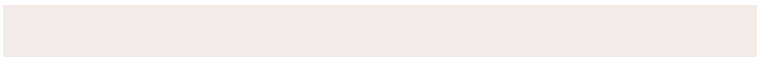
The Sweet Spot groups the original color and five complimentary colors.



240.4360, -4.6519, -1.2594



254.3590, -1.1630, -0.3148



236.9360, -2.9264, 5.3181



127.4730, -0.7262, -0.4148



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

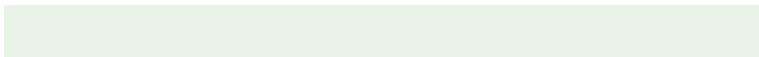
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.4360, -4.6519, -1.2594



251.7950, -5.8149, -1.5742



238.6420, -3.7675, -4.9480



120.4900, -3.1996, -0.4297



146.2580, -72.1052, -19.5203



46.2940, -22.8229, -6.3968

Inverse Universe

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



233.5640, 4.6519, 1.2594



243.2050, 5.8149, 1.5742



235.3580, 3.7675, 4.9480



115.8090, 3.0522, 1.0445



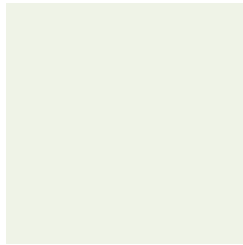
39.7420, 72.1052, 19.5203



12.7060, 22.8229, 6.3968

Previews

White Background



This preview shows how the YUV color 240.4360, -4.6519, -1.2594 looks on a white background.

Color Contrast Check

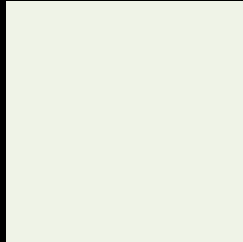
Large Text (above 18pt) WCAG AA × Fail

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 240.4360, -4.6519, -1.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

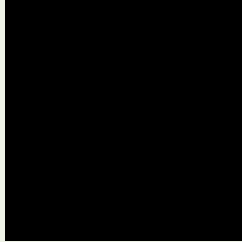
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

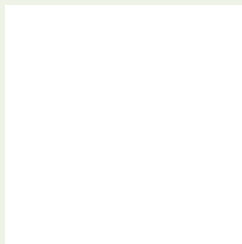
Any Text WCAG AAA ✓ Pass

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

YUV 240.4360, -4.6519, -1.2594 Background



This preview shows how black text looks on a background with the YUV color 240.4360, -4.6519, -1.2594.



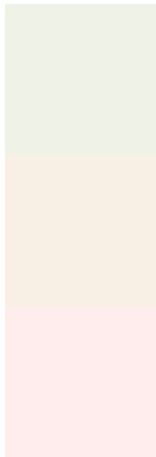
This preview shows how white text looks on a background with the YUV color 240.4360, -4.6519, -1.2594.

-1.2594.

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

240.4360, -4.6519, -1.2594

Protanopia

241.1380, -5.9840, 6.0180

Deuteranopia

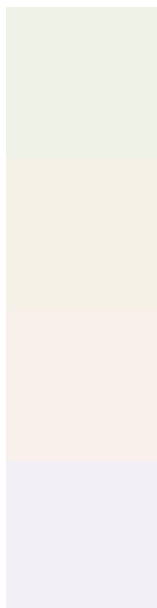
242.3820, -2.6533, 11.0660



Tritanopia

242.0200, 6.3991, 0.8595

Trichromacy



Original Color

240.4360, -4.6519, -1.2594

Protanomaly

240.9420, -5.3944, 3.5589

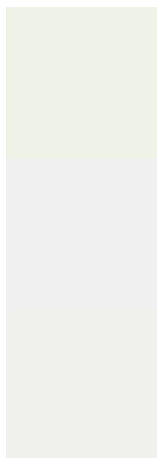
Deuteranomaly

241.5340, -3.2213, 6.5477

Tritanomaly

241.2820, 2.3260, 0.6297

Monochromacy



Original Color

240.4360, -4.6519, -1.2594

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

240.2450, -1.5998, -0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.4360, -4.6519, -1.2594 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(239, 243, 231)` looks like.

```
.text, #text, p{  
    color:rgb(239, 243, 231)  
}
```

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(239, 243, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 243, 231) }
```

Border

The CSS property to change the border of an element to YUV 240.4360, -4.6519, -1.2594 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(239, 243, 231) }
```


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

```
.border{ border-color:rgb(239, 243, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 243, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 243, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 243, 231);  
box-shadow:4px 4px 4px 4px rgb(239, 243,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 240.4360, -4.6519, -1.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 243, 231) }
```

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

```
.background{ background-color: rgb(239,  
243, 231) }
```

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