

Converting Colors

YUV(234.3630, 2.7790, -4.7034)

Have a look what the booklet for
YUV(234.3630, 2.7790, -4.7034)
contains.

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Color

**YUV(234.3630, 2.7790,
-4.7034)**

Conversions

Conversions Part 1

Format	Color
Hex	E5ECF0
RGB	229, 236, 240
RGB Percent	90%, 93%, 94%
CMY	0.1020, 0.0745, 0.0588
CMYK	0.05, 0.02, 0.00, 0.06
HSL	202°, 27%, 92%
HSV	202°, 5%, 94%
XYZ	78.0367, 82.9402, 94.3342
YIQ	234.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

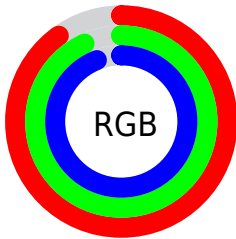
Format	Color
R _Y B	229, 233, 240
Decimal	15068400
CIE Lab	92.99, -1.59, -2.75
CIE LCh	93, 3.176, 240.056
Yxy	82.9402, 0.3057, 0.3249
Android (android.graphics.Color)	4293258480 (0xFFE5ECF0)
YUV	234.3630, 2.7790, -4.7034
Hunter-Lab	91.0715, -6.4233, 2.3360

Details

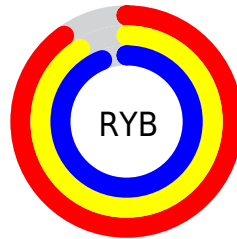
The YUV color $234.3630, 2.7790, -4.7034$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.6370, -2.7790, 4.7034$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.6620, 2.6316, -4.0886$ is the 20% darker color. If you saturate the color by 10%, you get $221.9040, 8.9213, -14.8248$, and if you desaturate by 10%, it is $246.8220, -3.3632, 5.4181$.

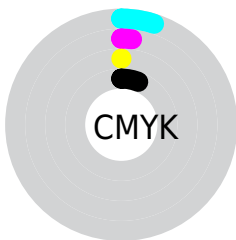
Distribution



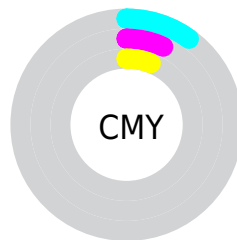
- Red (90%)
- Green (93%)
- Blue (94%)



- Red (90%)
- Yellow (91%)
- Blue (94%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (10%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.3630, 2.7790, -4.7034 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 234.3630, 2.7790, -4.7034 by changing the saturation by 10% instead.

■ 234.3630, 2.7790,
-4.7034

■ 234.3630, 2.7790,
-4.7034

255.0000, 0.0000,
0.0000

■ 206.3630, 2.7790,
-4.7034

■ 178.6620, 2.6316,
-4.0886

■ 151.6620, 2.6316,
-4.0886

■ 126.2490, 2.3422,
-4.6034

■ 101.2490, 2.3422,
-4.6034

■ 77.5480, 2.1948,
-3.9886

■ 54.5480, 2.1948,

-3.9886

■ 32.8470, 2.0474,
-3.3738

■ 10.0640, 2.9264,
-5.3181

■ 234.3630, 2.7790,
-4.7034

■ 234.3630, 2.7790,
-4.7034

■ 221.9040, 8.9213,
-14.8248

■ 246.8220, -3.3632,
5.4181

■ 210.0320, 14.7742,
-25.4611

■ 252.1160, -5.9732,
2.5293

■ 197.5730, 20.9165,
-35.5825

■ 253.2900, -6.5520,
1.4997

■ 185.1140, 27.0588,
-45.7040

■ 172.6550, 33.2011,
-55.8254

■ 160.7830, 39.0540,
-66.4617

■ 148.3240, 45.1963,
-76.5831

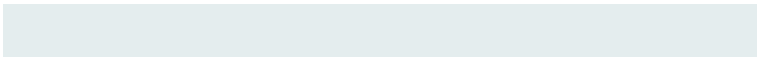
■ 135.8650, 51.3386,
-86.7046

■ 123.4060, 57.4808,
-96.8261

Harmonies

Analogous

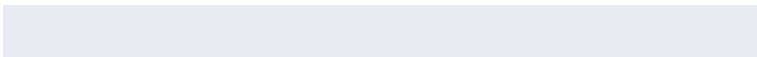
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.4230, 1.7635, -5.6330



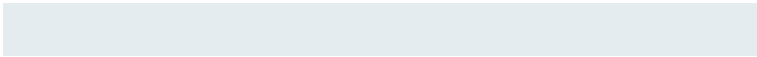
234.3630, 2.7790, -4.7034



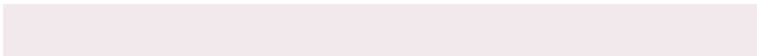
234.7870, 3.0630, -2.4442

Triad

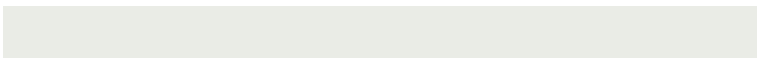
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234.3630, 2.7790, -4.7034



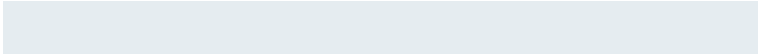
235.6200, -0.3057, 4.7183



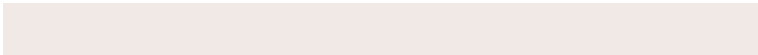
234.7180, -2.3260, -0.6297

Complementary

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



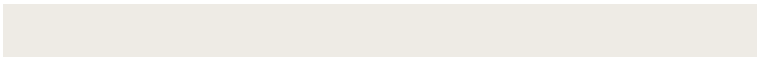
234.3630, 2.7790, -4.7034



234.6370, -2.7790, 4.7034

Split Complementary

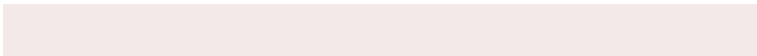
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.2130, -3.0630, 2.4442



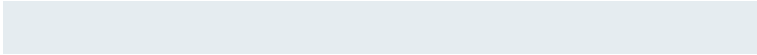
234.3630, 2.7790, -4.7034



235.5770, -1.7635, 5.6330

Square

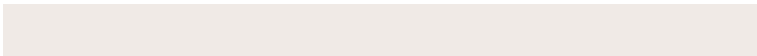
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



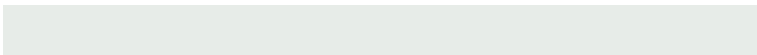
234.3630, 2.7790, -4.7034



235.3640, 1.2995, 3.1888



235.3380, -2.6316, 4.0886



234.0490, -1.0102, -2.6740

Rectangle

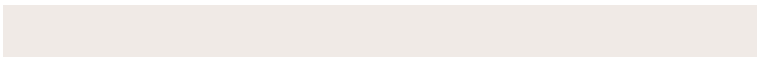
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



234.3630, 2.7790, -4.7034



234.7980, 3.0576, -0.6998



235.3380, -2.6316, 4.0886



234.3160, -2.6208, 0.5999

Sweetspot

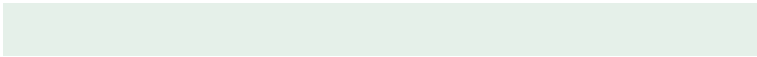
The Sweet Spot groups the original color and five complimentary colors.



234.3630, 2.7790, -4.7034



253.5160, 0.7316, -1.3295



235.9130, -1.4361, -6.0627



126.8150, 0.5842, -0.7148



0.0000, 0.0000, 0.0000



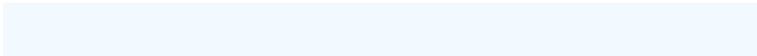
128.0000, 0.0000, 0.0000

Same Dimension

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



234.3630, 2.7790, -4.7034



248.1780, 3.3632, -5.4181



231.4280, 4.2260, -2.1294



116.1460, 1.9000, -2.7590



89.6550, 46.5121, -78.6274



27.5160, 14.0426, -24.1315

Inverse Universe

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



233.0870, 1.4361, 6.0627



246.7990, 1.5781, 7.1923



237.5720, -4.2260, 2.1294



115.5490, 0.7153, 3.9035



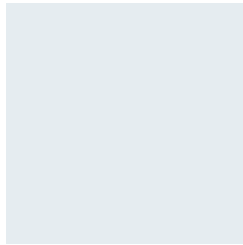
68.3540, 23.9825, 101.4215



20.8480, 7.4699, 30.8283

Previews

White Background



This preview shows how the YUV color 234.3630, 2.7790, -4.7034 looks on a white background.

Color Contrast Check

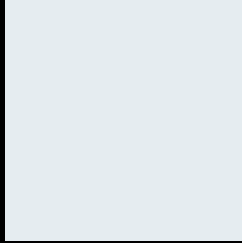
Large Text (above 18pt) WCAG AA × Fail

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 234.3630, 2.7790, -4.7034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

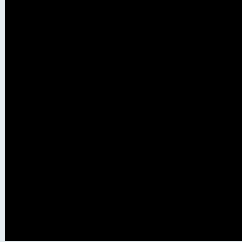
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

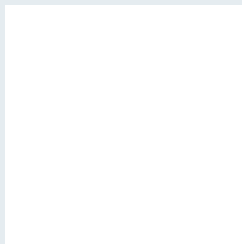
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 234.3630, 2.7790, -4.7034

Background



This preview shows how black text looks on a background with the YUV color 234.3630, 2.7790, -4.7034.



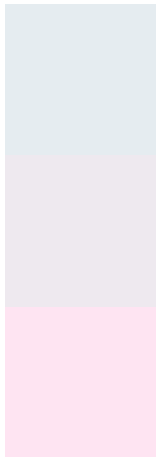
This preview shows how white text looks on a background with the YUV color 234.3630, 2.7790, -4.7034.

-4.7034.

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

234.3630, 2.7790, -4.7034

Protanopia

235.1790, 1.8838, 2.4740

Deuteranopia

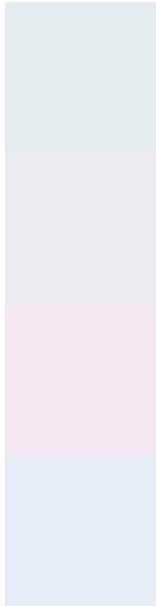
237.3700, 2.2826, 14.5845



Tritanopia

235.2690, 8.7414, -3.7439

Trichromacy



Original Color

234.3630, 2.7790, -4.7034

Protanomaly

234.8690, 2.0366, 0.1149

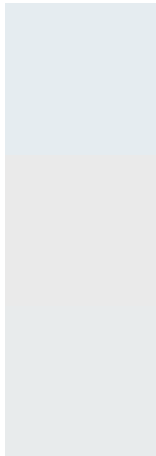
Deuteranomaly

236.3260, 2.3043, 7.6071

Tritanomaly

234.9870, 6.4154, -4.3736

Monochromacy



Original Color

234.3630, 2.7790, -4.7034

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

234.2170, 0.8790, -1.9443

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.3630, 2.7790, -4.7034 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(229, 236, 240)` looks like.

```
.text, #text, p{  
    color:rgb(229, 236, 240)  
}
```

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(229, 236, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 236, 240) }
```

Border

The CSS property to change the border of an element to YUV 234.3630, 2.7790, -4.7034 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(229, 236, 240) }
```


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

```
.border{ border-color:rgb(229, 236, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 236, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 236, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 236, 240);  
box-shadow:4px 4px 4px 4px rgb(229, 236,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 234.3630, 2.7790, -4.7034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 236, 240) }
```

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

```
.background{ background-color: rgb(229,  
236, 240) }
```

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](#).

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