

Converting Colors

YUV(234.3010, 10.2046,
-6.4030)

Have a look what the booklet for
YUV(234.3010, 10.2046, -6.4030)
contains.

YUV(234.3010, 10.2046, -6.4030)	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(234.3010, 10.2046,
-6.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EAFF
RGB	227, 234, 255
RGB Percent	89%, 92%, 100%
CMY	0.1098, 0.0824, 0.0000
CMYK	0.11, 0.08, 0.00, 0.00
HSL	225°, 100%, 95%
HSV	225°, 11%, 100%
XYZ	79.1514, 82.3965, 106.3401
YIQ	234.3010, -10.9130, 5.0470

Conversions

Conversions Part 2

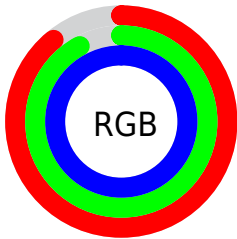
Format	Color
R_{YB}	227, 233, 255
Decimal	14936831
CIE Lab	92.75, 1.66, -10.93
CIE LCh	93, 11.057, 278.644
Yxy	82.3965, 0.2955, 0.3076
Android (android.graphics.Color)	4293126911 (0xFFE3EAFF)
YUV	234.3010, 10.2046, -6.4030
Hunter-Lab	90.7725, -3.2044, -5.9175

Details

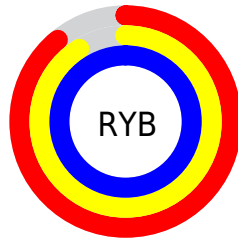
The YUV color $234.3010, 10.2046, -6.4030$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $247.6990, -10.2046, 6.4030$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.4860, 9.6204, -5.6882$ is the 20% darker color. If you saturate the color by 10%, you get $215.6730, 19.3882, -11.9912$, and if you desaturate by 10%, it is $252.9290, 1.0210, -0.8147$.

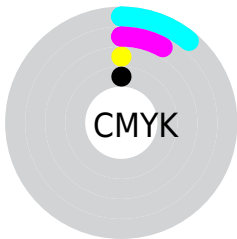
Distribution



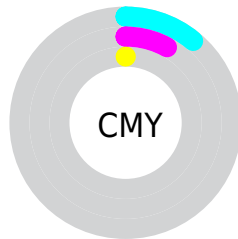
- Red (89%)
- Green (92%)
- Blue (100%)



- Red (89%)
- Yellow (91%)
- Blue (100%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.3010, 10.2046, -6.4030 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 234.3010, 10.2046, -6.4030 by changing the saturation by 10% instead.

■ 234.3010, 10.2046,
-6.4030

■ 234.3010, 10.2046,
-6.4030

255.0000, 0.0000,
0.0000

■ 206.1870, 9.7678,
-6.3030

■ 178.4860, 9.6204,
-5.6882

■ 152.0730, 9.3310,
-6.2030

■ 125.9590, 8.8942,
-6.1030

■ 100.9590, 8.8942,
-6.1030

■ 76.8450, 8.4574,
-6.0031

■ 54.0300, 7.8732,

-5.2883

■ 32.6170, 7.5838,
-5.8031

■ 9.5460, 8.6048,
-6.6178

■ 234.3010, 10.2046,
-6.4030

■ 234.3010, 10.2046,
-6.4030

■ 215.6730, 19.3882,
-11.9912

■ 252.9290, 1.0210,
-0.8147

■ 196.7460, 28.7192,
-18.1942

255.0000, 0.0000,
0.0000

■ 177.8190, 38.0502,
-24.3973

■ 158.6040, 47.5232,
-29.4707

■ 139.6770, 56.8542,
-35.6737

■ 121.0490, 66.0378,
-41.2620

■ 102.4210, 75.2214,
-46.8502

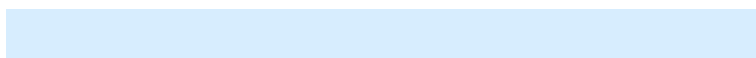
■ 83.4940, 84.5525,
-53.0532

■ 66.6380, 92.8625,
-58.4415

Harmonies

Analogous

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



232.3600, 10.6685, -15.2247



234.3010, 10.2046, -6.4030



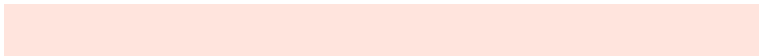
235.9710, 7.4093, 3.5334

Triad

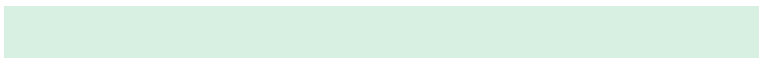
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234.3010, 10.2046, -6.4030



235.2750, -7.0376, 17.2988



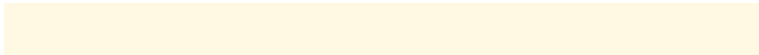
231.2280, -2.5774, -13.3550

Complementary

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



234.3010, 10.2046, -6.4030



247.6990, -10.2046, 6.4030

Split Complementary

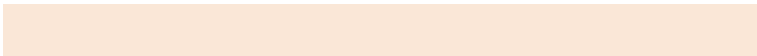
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.6160, -7.6987, -4.0482



234.3010, 10.2046, -6.4030



234.8570, -9.7895, 13.2804

Square

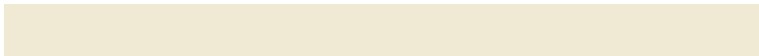
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234.3010, 10.2046, -6.4030



235.8280, -2.3802, 16.8138



233.4000, -10.0572, 5.7882



230.9760, 2.9698, -19.2730

Rectangle

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



234.3010, 10.2046, -6.4030



236.5050, 4.1880, 10.0811



233.4000, -10.0572, 5.7882



231.4950, -4.1880, -10.0811

Sweetspot

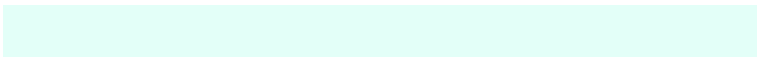
The Sweet Spot groups the original color and five complimentary colors.



234.3010, 10.2046, -6.4030



249.0860, 2.9156, -1.8294



245.8300, 1.0698, -16.5139



123.8580, 2.0420, -1.6295



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.



234.3010, 10.2046, -6.4030



230.4580, 12.0992, -7.4177



232.2850, 11.1985, 1.5041



118.2430, 4.8102, -2.8441



49.9500, 69.5376, -43.8062



16.6880, 23.3248, -14.6354

Inverse Universe

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



236.1700, -1.0698, 16.5139



232.7790, -1.3700, 19.4878



249.7150, -11.1985, -1.5041



119.2290, -0.6059, 7.6922



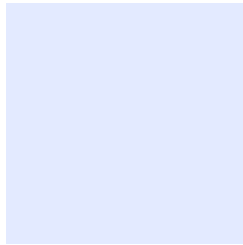
62.5810, -7.1884, 112.6235



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 234.3010, 10.2046, -6.4030 looks on a white background.

Color Contrast Check

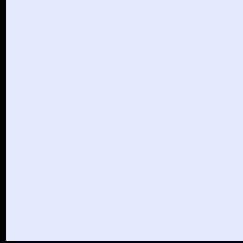
Large Text (above 18pt) WCAG AA × Fail

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 234.3010, 10.2046, -6.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

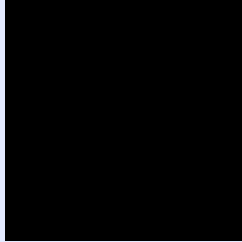
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 234.3010, 10.2046, -6.4030

Background



This preview shows how black text looks on a background with the YUV color 234.3010, 10.2046, -6.4030.



This preview shows how white text looks on a background with the YUV color 234.3010, 10.2046, -6.4030.

-6.4030.

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

234.3010, 10.2046, -6.4030

Protanopia

234.5080, 9.6096, -2.1995

Deuteranopia

236.4600, 9.1402, 8.3666



Tritanopia

234.0730, 9.3310, -6.2030

Trichromacy



Original Color

234.3010, 10.2046, -6.4030

Protanomaly

234.4970, 9.6150, -3.9439

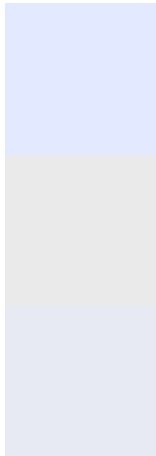
Deuteranomaly

235.5410, 9.5933, 3.0335

Tritanomaly

234.1870, 9.7678, -6.3030

Monochromacy



Original Color

234.3010, 10.2046, -6.4030

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

234.0150, 3.9366, -2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.3010, 10.2046, -6.4030 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(227, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 234, 255)  
}
```

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(227, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 234, 255) }
```

Border

The CSS property to change the border of an element to YUV 234.3010, 10.2046, -6.4030 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(227, 234, 255) }
```


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

```
.border{ border-color:rgb(227, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 234,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 234.3010, 10.2046, -6.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 234, 255) }
```

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

```
.background{ background-color: rgb(227,  
234, 255) }
```

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