

Converting Colors

YUV(200.0600, 5.3934,
-50.0416)

Have a look what the booklet for
YUV(200.0600, 5.3934, -50.0416)
contains.

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Color

**YUV(200.0600, 5.3934,
-50.0416)**

Conversions

Conversions Part 1

Format	Color
Hex	8FE3D3
RGB	143, 227, 211
RGB Percent	56%, 89%, 83%
CMY	0.4392, 0.1098, 0.1725
CMYK	0.37, 0.00, 0.07, 0.11
HSL	169°, 60%, 73%
HSV	169°, 37%, 89%
XYZ	50.5546, 65.4810, 71.6026
YIQ	200.0600, -44.9280, -22.7840

Conversions

Conversions Part 2

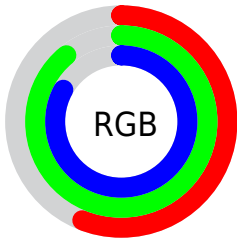
Format	Color
R_YB	143, 189, 227
Decimal	9429971
CIE Lab	84.73, -29.07, -0.25
CIE LCh	85, 29.072, 180.487
Yxy	65.4810, 0.2694, 0.3490
Android (android.graphics.Color)	4287620051 (0xFF8FE3D3)
YUV	200.0600, 5.3934, -50.0416
Hunter-Lab	80.9203, -30.0933, 4.1813

Details

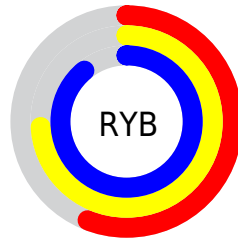
The YUV color $200.0600, 5.3934, -50.0416$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $169.9400, -5.3934, 50.0416$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.5550, 8.1074, -33.8127$, and $144.5870, 6.1196, -49.6268$ is the 20% darker color. If you saturate the color by 10%, you get $192.7270, 7.0366, -63.7816$, and if you desaturate by 10%, it is $207.3930, 3.7503, -36.3017$.

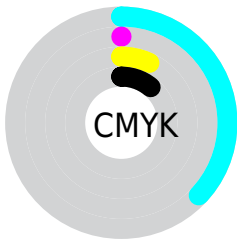
Distribution



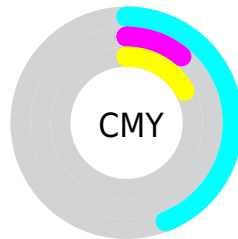
- Red (56%)
- Green (89%)
- Blue (83%)



- Red (56%)
- Yellow (74%)
- Blue (89%)



- Cyan (37%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (44%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.0600, 5.3934, -50.0416 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 200.0600, 5.3934, -50.0416 by changing the saturation by 10% instead.


 200.0600, 5.3934,
-50.0416


 200.0600, 5.3934,
-50.0416

255.0000, 0.0000,
0.0000


 172.0600, 5.3934,
-50.0416


 238.5550, 8.1074,
-33.8127


 144.5870, 6.1196,
-49.6268

 247.2260, 3.8326,
-15.9842

 117.4020, 6.7038,
-50.3416

 90.1950, 7.2989,
-54.5450

 63.8250, 8.4673,
-55.9745

 47.1150, 5.3663,
-41.3199

 31.2200, 2.8495,

-27.3799

■ 17.0860, -0.5354,
-14.9844

■ 0.0000, 0.0000,
0.0000

■ 200.0600, 5.3934,
-50.0416

■ 200.0600, 5.3934,
-50.0416

■ 192.7270, 7.0366,
-63.7816

■ 207.3930, 3.7503,
-36.3017

■ 185.5790, 8.0956,
-76.8068

■ 214.5410, 2.6913,
-23.2765

■ 178.2460, 9.7387,
-90.5467

■ 221.8740, 1.0481,
-9.5365

■ 170.9130, 11.3819,
-104.2867

■ 229.2070, -0.5951,
4.2035

■ 163.7650, 12.4409,
-117.3119

■ 236.0560, -1.5066,
16.6139

■ 156.4320, 14.0840,
-131.0519

■ 236.5120, 0.2406,
16.2140

■ 154.2250, 14.6791,
-135.2553

■ 236.9680, 1.9878,
15.8141

■ 237.5380, 4.1718,
15.3142

■ 237.9940, 5.9190,
14.9143

Harmonies

Analogous

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



203.2940, -9.5119, -29.1988



200.0600, 5.3934, -50.0416



198.9630, 19.2452, -59.6036

Triad

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



200.0600, 5.3934, -50.0416



213.7010, 20.3604, 2.8932



212.7430, -23.5373, 36.1824

Complementary

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



200.0600, 5.3934, -50.0416



169.9400, -5.3934, 50.0416

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.



211.2130, -12.9230, 38.4012



200.0600, 5.3934, -50.0416



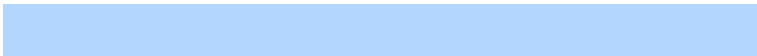
216.1510, 11.2646, 27.0546

Square

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



200.0600, 5.3934, -50.0416



208.2090, 23.0680, -25.6163



213.1170, -0.5507, 36.7314



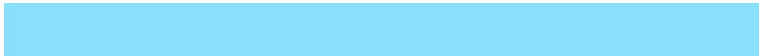
210.2370, -26.2458, 18.2092

Rectangle

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



200.0600, 5.3934, -50.0416



201.2930, 25.4916, -56.3850



213.1170, -0.5507, 36.7314



211.8510, -20.6325, 37.8417

Sweetspot

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



200.0600, 5.3934, -50.0416



246.0580, 1.9434, -16.7139



197.3910, -26.8148, -32.7919



122.4610, 0.7587, -10.0513



0.0000, 0.0000, 0.0000



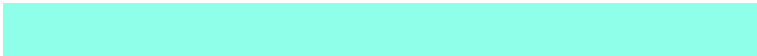
128.0000, 0.0000, 0.0000

Same Dimension

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



200.0600, 5.3934, -50.0416



219.1180, 7.3368, -66.7555



187.2090, 19.6170, -38.7713



111.1840, 0.8953, -7.1774



121.4890, 11.0979, -106.5459



34.6110, 3.1498, -30.3538

Inverse Universe

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



169.9400, -5.3934, 50.0416



178.8820, -7.3368, 66.7555



182.7910, -19.6170, 38.7713



106.8160, -0.8953, 7.1774



57.3970, -11.5347, 106.6458



16.3890, -3.1498, 30.3538

Previews

White Background



This preview shows how the YUV color 200.0600, 5.3934, -50.0416 looks on a white background.

Color Contrast Check

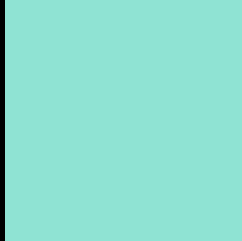
Large Text (above 18pt) WCAG AA × Fail

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 200.0600, 5.3934, -50.0416 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 200.0600, 5.3934, -50.0416

Background



This preview shows how black text looks on a background with the YUV color 200.0600, 5.3934, -50.0416.



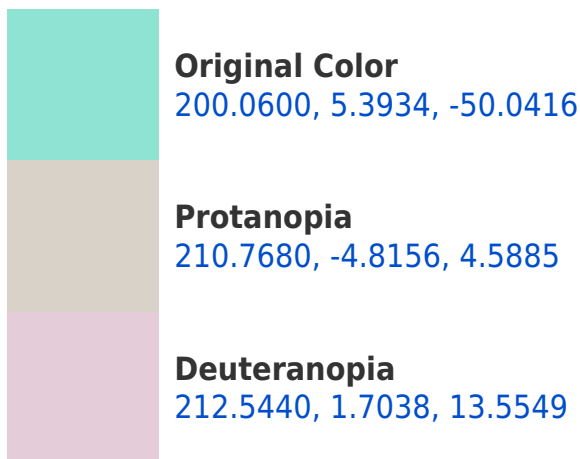
This preview shows how white text looks on a background with the YUV color 200.0600, 5.3934,

-50.0416.

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





Tritanopia

203.2250, 18.6231, -46.6783

Trichromacy



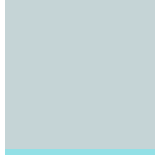
Original Color

200.0600, 5.3934, -50.0416



Protanomaly

206.6730, -0.8248, -15.4992



Deuteranomaly

207.7430, 3.0847, -9.4216



Tritanomaly

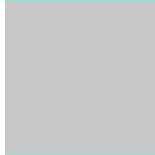
201.6610, 13.9711, -47.9377

Monochromacy



Original Color

200.0600, 5.3934, -50.0416



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

200.0470, 1.9488, -18.4582

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.0600, 5.3934, -50.0416 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(143, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(143, 227, 211)  
}
```

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(143, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 227, 211) }
```

Border

The CSS property to change the border of an element to YUV 200.0600, 5.3934, -50.0416 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(143, 227, 211) }
```


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

```
.border{ border-color:rgb(143, 227, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 227, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 227, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 227, 211);  
box-shadow:4px 4px 4px 4px rgb(143, 227,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 200.0600, 5.3934, -50.0416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 227, 211) }
```

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

```
.background{ background-color: rgb(143,  
227, 211) }
```

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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