

Converting Colors

YUV(200.0400, -1.0057,
-50.9011)

Have a look what the booklet for
YUV(200.0400, -1.0057, -50.9011)
contains.

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Color

**YUV(200.0400, -1.0057,
-50.9011)**

Conversions

Conversions Part 1

Format	Color
Hex	8EE6C6
RGB	142, 230, 198
RGB Percent	56%, 90%, 78%
CMY	0.4431, 0.0980, 0.2235
CMYK	0.38, 0.00, 0.14, 0.10
HSL	158°, 64%, 73%
HSV	158°, 38%, 90%
XYZ	49.6452, 66.4216, 63.6302
YIQ	200.0400, -42.1760, -28.6080

Conversions

Conversions Part 2

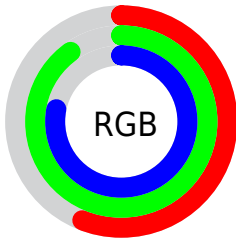
Format	Color
RYB	142, 196, 230
Decimal	9365190
CIELab	85.21, -33.58, 7.29
CIELCh	85, 34.366, 167.751
Yxy	66.4216, 0.2763, 0.3696
Android (android.graphics.Color)	4287555270 (0xFF8EE6C6)
YUV	200.0400, -1.0057, -50.9011
Hunter-Lab	81.4995, -33.8913, 10.7594

Details

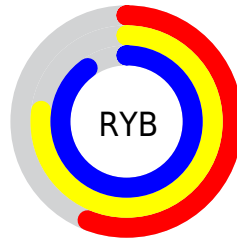
The YUV color $200.0400, -1.0057, -50.9011$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $171.9600, 1.0057, 50.9011$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.2560, 8.2548, -34.4275$, and $144.5670, -0.2795, -50.4863$ is the 20% darker color. If you saturate the color by 10%, you get $192.2510, -1.1097, -64.2411$, and if you desaturate by 10%, it is $207.8290, -0.9017, -37.5610$.

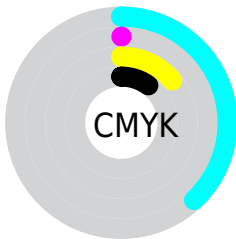
Distribution



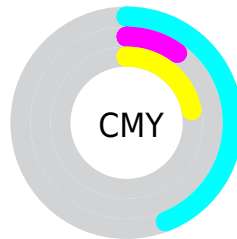
- Red (56%)
- Green (90%)
- Blue (78%)



- Red (56%)
- Yellow (77%)
- Blue (90%)



- Cyan (38%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (44%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 200.0400, -1.0057, -50.9011 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 200.0400, -1.0057, -50.9011 by changing the saturation by 10% instead.

 200.0400, -1.0057,
-50.9011

 200.0400, -1.0057,
-50.9011

255.0000, 0.0000,
0.0000


 172.1540, -0.5689,
-51.0011


 238.2560, 8.2548,
-34.4275


 144.5670, -0.2795,
-50.4863

 246.9270, 3.9800,
-16.5990

 117.4960, 0.7415,
-51.3010

 89.5170, 2.2101,
-55.7044

 64.3320, 2.7943,
-56.4192

 47.1490, 0.4195,
-41.3497

 31.2540, -2.0972,

-27.4098

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 200.0400, -1.0057,
-50.9011

■ 200.0400, -1.0057,
-50.9011

■ 192.2510, -1.1097,
-64.2411

■ 207.8290, -0.9017,
-37.5610

■ 184.3480, -1.6506,
-77.4812

■ 215.7320, -0.3609,
-24.3210

■ 176.5590, -1.7546,
-90.8212

■ 223.5210, -0.2569,
-10.9809

■ 168.7700, -1.8586,
-104.1613

■ 231.3100, -0.1528,
2.3591

■ 160.8670, -2.3994,
-117.4014

■ 238.6150, 0.6828,
14.3696

■ 153.0780, -2.5035,
-130.7414

■ 239.5270, 4.1772,
13.5698

■ 151.6540, -2.7874,
-133.0006

■ 240.3250, 7.2348,
12.8700

Harmonies

Analogous

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



204.7480, -18.1168, -22.5810



200.0400, -1.0057, -50.9011



196.0170, 17.2466, -71.9289

Triad

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



200.0400, -1.0057, -50.9011



211.2540, 21.5668, -10.7468



210.2210, -21.8010, 39.2712

Complementary

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



200.0400, -1.0057, -50.9011



171.9600, 1.0057, 50.9011

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.



209.4180, -7.1081, 39.9754



200.0400, -1.0057, -50.9011



217.3550, 18.5590, 20.7367

Square

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



200.0400, -1.0057, -50.9011



203.6580, 25.3116, -45.3041



213.7670, 7.0169, 36.1613



212.1740, -30.6518, 31.4194

Rectangle

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



200.0400, -1.0057, -50.9011



196.3400, 27.4404, -74.8432



213.7670, 7.0169, 36.1613



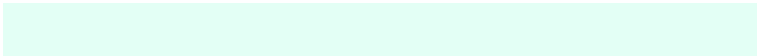
209.4860, -17.0016, 39.9158

Sweetspot

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



200.0400, -1.0057, -50.9011



245.4880, -0.2406, -16.2140



203.2240, -30.1834, -25.6294



122.1190, -0.5517, -9.7514



0.0000, 0.0000, 0.0000



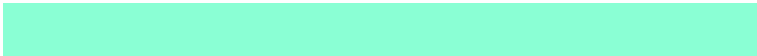
128.0000, 0.0000, 0.0000

Same Dimension

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



200.0400, -1.0057, -50.9011



215.1150, -1.5357, -67.6299



196.6440, 16.4445, -47.9228



110.9560, 0.0217, -6.9774



118.0690, -2.0060, -103.5465



33.5850, -0.7814, -29.4540

Inverse Universe

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



171.9600, 1.0057, 50.9011



177.7710, 1.0989, 67.7298



175.3560, -16.4445, 47.9228



107.0440, -0.0217, 6.9774



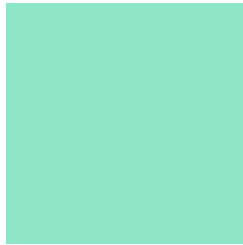
60.9310, 2.0060, 103.5465



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 200.0400, -1.0057, -50.9011 looks on a white background.

Color Contrast Check

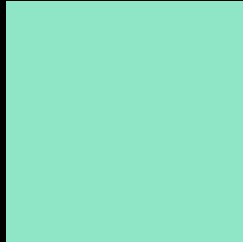
Large Text (above 18pt) WCAG AA × Fail

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 200.0400, -1.0057, -50.9011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

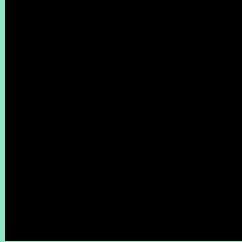
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.0400, -1.0057, -50.9011

Background



This preview shows how black text looks on a background with the YUV color 200.0400, -1.0057, -50.9011.



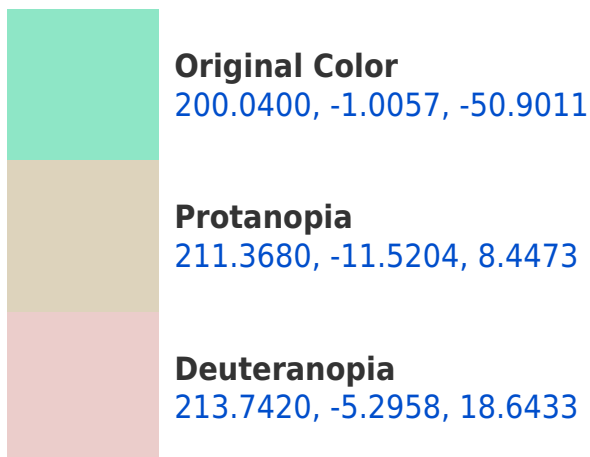
This preview shows how white text looks on a background with the YUV color 200.0400, -1.0057, -50.9011.

-50.9011.

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

204.5240, 18.4757, -46.0635

Trichromacy



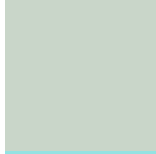
Original Color

200.0400, -1.0057, -50.9011



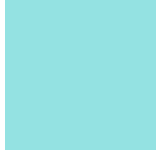
Protanomaly

207.2620, -7.5242, -13.3848



Deuteranomaly

208.6310, -3.7621, -6.6924



Tritanomaly

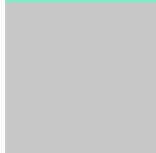
202.6780, 11.4977, -47.9526

Monochromacy



Original Color

200.0400, -1.0057, -50.9011



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

200.0640, -0.5246, -18.4731

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.0400, -1.0057, -50.9011 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(142, 230, 198)` looks like.

```
.text, #text, p{  
    color:rgb(142, 230, 198)  
}
```

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(142, 230, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 230, 198) }
```

Border

The CSS property to change the border of an element to YUV 200.0400, -1.0057, -50.9011 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(142, 230, 198) }
```


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

```
.border{ border-color:rgb(142, 230, 198) }
```

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

Here you see how a box with a 4 pixel rgb(142, 230, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 230, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 230, 198);  
box-shadow:4px 4px 4px 4px rgb(142, 230,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 200.0400, -1.0057, -50.9011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 230, 198) }
```

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

```
.background{ background-color: rgb(142,  
230, 198) }
```

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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