

Converting Colors

YUV(193.2540, 11.2138,
-50.2118)

Have a look what the booklet for
YUV(193.2540, 11.2138, -50.2118)
contains.

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Color

**YUV(193.2540, 11.2138,
-50.2118)**

Conversions

Conversions Part 1

Format	Color
Hex	88DAD8
RGB	136, 218, 216
RGB Percent	53%, 85%, 85%
CMY	0.4667, 0.1451, 0.1529
CMYK	0.38, 0.00, 0.01, 0.15
HSL	179°, 53%, 69%
HSV	179°, 38%, 85%
XYZ	47.6194, 60.3349, 74.1017
YIQ	193.2540, -48.2300, -18.0060

Conversions

Conversions Part 2

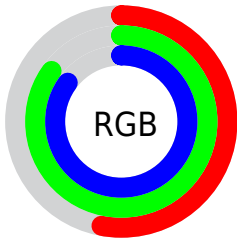
Format	Color
RYB	136, 178, 218
Decimal	8968920
CIELab	82.02, -25.38, -6.92
CIELCh	82, 26.309, 195.254
Yxy	60.3349, 0.2616, 0.3314
Android (android.graphics.Color)	4287159000 (0xFF88DAD8)
YUV	193.2540, 11.2138, -50.2118
Hunter-Lab	77.6756, -26.5018, -2.1892

Details

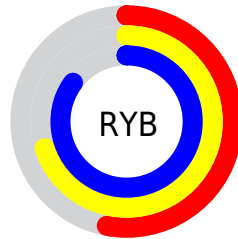
The YUV color **193.2540, 11.2138, -50.2118** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **160.7460, -11.2138, 50.2118**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, 9.1392, -38.1162**, and **137.9550, 11.3612, -50.8265** is the 20% darker color. If you saturate the color by 10%, you get **186.5620, 14.0199, -63.6369**, and if you desaturate by 10%, it is **199.9460, 8.4076, -36.7866**.

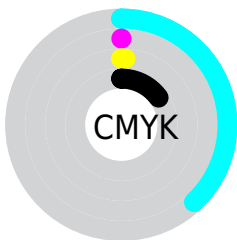
Distribution



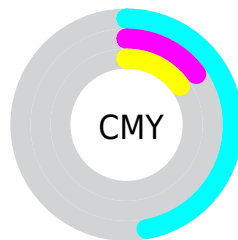
- Red (53%)
- Green (85%)
- Blue (85%)



- Red (53%)
- Yellow (70%)
- Blue (85%)



- Cyan (38%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (47%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.2540, 11.2138, -50.2118 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 193.2540, 11.2138, -50.2118 by changing the saturation by 10% instead.

■ 193.2540, 11.2138,
-50.2118

■ 193.2540, 11.2138,
-50.2118

255.0000, 0.0000,
0.0000

■ 165.2540, 11.2138,
-50.2118

■ 236.4620, 9.1392,
-38.1162

■ 137.9550, 11.3612,
-50.8265

■ 245.1330, 4.8644,
-20.2876

■ 110.4710, 12.0928,
-52.1561

■ 253.8040, 0.5896,
-2.4591

■ 81.5840, 14.0091,
-60.1482

■ 60.1720, 12.2402,
-52.7708

■ 43.4620, 9.1392,
-38.1162

■ 28.1540, 6.3331,

-24.6911

■ 10.4980, 4.6845,
-9.2067

■ 0.0000, 0.0000,
0.0000

■ 193.2540, 11.2138,
-50.2118

■ 193.2540, 11.2138,
-50.2118

■ 186.5620, 14.0199,
-63.6369

■ 199.9460, 8.4076,
-36.7866

■ 179.9840, 17.2629,
-77.1620

■ 206.5240, 5.1647,
-23.2615

■ 173.5910, 19.9216,
-89.9723

■ 212.9170, 2.5059,
-10.4512

■ 167.0130, 23.1646,
-103.4974

■ 219.4950, -0.7370,
3.0739

■ 160.3210, 25.9707,
-116.9225

■ 226.1870, -3.5432,
16.4990

■ 153.7430, 29.2137,
-130.4476

■ 229.1770, -5.0173,
22.6468

■ 152.2480, 29.9507,
-133.5215

■ 229.2910, -4.5805,
22.5468

■ 229.4050, -4.1437,
22.4468

Harmonies

Analogous

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



195.1990, -2.0701, -36.1315



193.2540, 11.2138, -50.2118



194.8870, 21.2547, -50.7669

Triad

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



193.2540, 11.2138, -50.2118



207.2140, 15.6705, 13.8443



204.0900, -23.2154, 26.2311

Complementary

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



193.2540, 11.2138, -50.2118



160.7460, -11.2138, 50.2118

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.



206.2470, -17.8698, 38.3714



193.2540, 11.2138, -50.2118



208.6480, 4.1175, 32.7577

Square

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



193.2540, 11.2138, -50.2118



204.5960, 22.8772, -11.0467



207.3150, -7.5503, 41.8197



201.1970, -22.2821, 6.8432

Rectangle

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



193.2540, 11.2138, -50.2118



197.2670, 25.0114, -42.3302



207.3150, -7.5503, 41.8197



204.4650, -21.9212, 31.1642

Sweetspot

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



193.2540, 11.2138, -50.2118



246.5140, 3.6906, -17.1138



185.0310, -24.1723, -40.3692



122.8030, 2.0691, -10.3512



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.



193.2540, 11.2138, -50.2118



220.2730, 15.6414, -70.3994



171.1760, 23.0842, -30.8494



106.5970, 1.1847, -6.6626



120.8170, 23.7542, -105.9565



32.1320, 6.3439, -28.1798

Inverse Universe

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



160.7460, -11.2138, 50.2118



174.7270, -15.6414, 70.3994



182.8240, -23.0842, 30.8494



102.2890, -1.6215, 6.7625



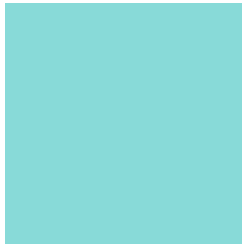
52.1830, -23.7542, 105.9565



13.8680, -6.3439, 28.1798

Previews

White Background



This preview shows how the YUV color 193.2540, 11.2138, -50.2118 looks on a white background.

Color Contrast Check

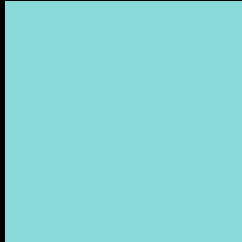
Large Text (above 18pt) WCAG AA × Fail

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 193.2540, 11.2138, -50.2118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

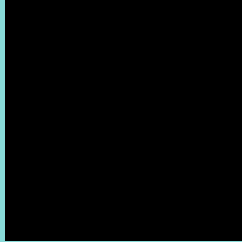
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.2540, 11.2138, -50.2118

Background



This preview shows how black text looks on a background with the YUV color 193.2540, 11.2138, -50.2118.



This preview shows how white text looks on a background with the YUV color 193.2540, 11.2138, -50.2118.

-50.2118.

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

193.2540, 11.2138, -50.2118

Protanopia

203.3530, 1.3050, 1.4444

Deuteranopia

205.0040, 7.3930, 8.7665



Tritanopia

194.6270, 18.9179, -47.9079

Trichromacy



Original Color

193.2540, 11.2138, -50.2118

Protanomaly

199.8560, 5.0010, -17.4137

Deuteranomaly

200.9150, 8.9159, -13.0805

Tritanomaly

194.2310, 16.1551, -48.4376

Monochromacy



Original Color

193.2540, 11.2138, -50.2118

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.9160, 3.9854, -18.3433

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.2540, 11.2138, -50.2118 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(136, 218, 216)` looks like.

```
.text, #text, p{  
    color:rgb(136, 218, 216)  
}
```

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(136, 218, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 218, 216) }
```

Border

The CSS property to change the border of an element to YUV 193.2540, 11.2138, -50.2118 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(136, 218, 216) }
```


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

```
.border{ border-color:rgb(136, 218, 216) }
```

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

Here you see how a box with a 4 pixel rgb(136, 218, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 218, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 218, 216);  
box-shadow:4px 4px 4px 4px rgb(136, 218,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 193.2540, 11.2138, -50.2118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 218, 216) }
```

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

```
.background{ background-color: rgb(136,  
218, 216) }
```

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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