

Converting Colors

YUV(154.6030, 21.8877,
-67.1808)

Have a look what the booklet for
YUV(154.6030, 21.8877, -67.1808)
contains.

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Color

**YUV(154.6030, 21.8877,
-67.1808)**

Conversions

Conversions Part 1

Format	Color
Hex	4EB9C7
RGB	78, 185, 199
RGB Percent	31%, 73%, 78%
CMY	0.6941, 0.2745, 0.2196
CMYK	0.61, 0.07, 0.00, 0.22
HSL	187°, 52%, 54%
HSV	187°, 61%, 78%
XYZ	30.7997, 40.4411, 60.2154
YIQ	154.6030, -68.2660, -18.3300

Conversions

Conversions Part 2

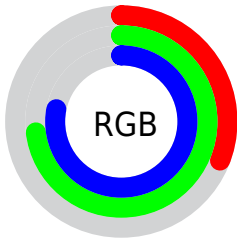
Format	Color
R _Y B	78, 135, 199
Decimal	5159367
CIE Lab	69.78, -26.32, -16.26
CIE LCh	70, 30.941, 211.711
Yxy	40.4411, 0.2343, 0.3076
Android (android.graphics.Color)	4283349447 (0xFF4EB9C7)
YUV	154.6030, 21.8877, -67.1808
Hunter-Lab	63.5934, -24.8369, -11.6253

Details

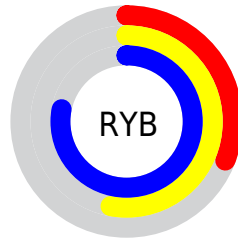
The YUV color **154.6030, 21.8877, -67.1808** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **122.3970, -21.8877, 67.1808**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0980, 21.1507, -64.1069**, and **94.0140, 25.1361, -82.4503** is the 20% darker color. If you saturate the color by 10%, you get **147.4490, 25.4146, -78.4468**, and if you desaturate by 10%, it is **161.7570, 18.3608, -55.9149**.

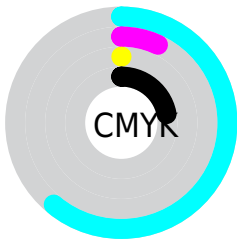
Distribution



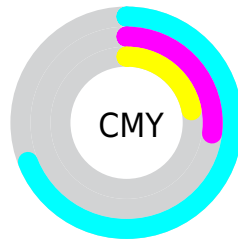
- Red (31%)
- Green (73%)
- Blue (78%)



- Red (31%)
- Yellow (53%)
- Blue (78%)



- Cyan (61%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (69%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.6030, 21.8877, -67.1808 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 154.6030, 21.8877, -67.1808 by changing the saturation by 10% instead.

154.6030, 21.8877,
-67.1808

154.6030, 21.8877,
-67.1808

255.0000, 0.0000,
0.0000

124.9120, 23.2144,
-72.7138

212.0980, 21.1507,
-64.1069

94.0140, 25.1361,
-82.4503

228.9870, 12.8244,
-53.4856

75.7880, 21.3035,
-66.4661

237.9570, 8.4022,
-35.0423

58.9640, 17.7657,
-51.7114

246.9270, 3.9800,
-16.5990

42.1400, 14.2280,
-36.9568

27.3050, 10.6956,
-23.9465

4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 154.6030, 21.8877,
-67.1808

■ 154.6030, 21.8877,
-67.1808

■ 147.4490, 25.4146,
-78.4468

■ 161.7570, 18.3608,
-55.9149

■ 139.7080, 29.2310,
-89.1979

■ 169.4980, 14.5445,
-45.1637

■ 132.5540, 32.7579,
-100.4639

■ 176.6520, 11.0176,
-33.8978

■ 125.9980, 35.9900,
-110.5002

■ 183.8060, 7.4906,
-22.6319

■ 191.5470, 3.6743,
-11.8807

■ 198.4020, 0.2948,
-1.2296

■ 205.5560, -3.2321,
10.0364

■ 212.7100, -6.7590,
21.3023

■ 219.8530,
-10.2805, 30.8239

Harmonies

Analogous

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



156.7820, 7.0095, -55.0598



154.6030, 21.8877, -67.1808



159.3300, 29.4173, -55.5404

Triad

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



154.6030, 21.8877, -67.1808



175.1620, 11.2591, 28.7989



168.7100, -26.9720, 17.7943

Complementary

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



154.6030, 21.8877, -67.1808



122.3970, -21.8877, 67.1808

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.



171.2160, -24.2635, 35.7676



154.6030, 21.8877, -67.1808



173.8190, -1.8828, 44.0087

Square

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



154.6030, 21.8877, -67.1808



173.1570, 22.1076, 2.4933



172.6870, -15.1287, 45.8785



165.9350, -21.6600, -6.0820

Rectangle

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



154.6030, 21.8877, -67.1808



165.4400, 29.3631, -38.0969



172.6870, -15.1287, 45.8785



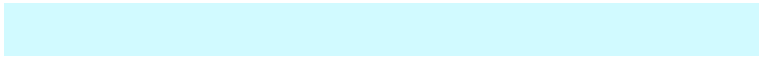
169.4550, -26.8463, 24.1570

Sweetspot

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



154.6030, 21.8877, -67.1808



238.3110, 8.2277, -25.7057



150.3950, -29.7747, -63.4904



116.9810, 5.4324, -15.7693



0.0000, 0.0000, 0.0000



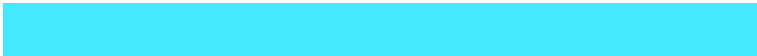
128.0000, 0.0000, 0.0000

Same Dimension

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



154.6030, 21.8877, -67.1808



186.4720, 33.7843, -103.0229



119.9700, 38.9618, -36.8077



95.7220, 1.6161, -5.0182



103.1100, 29.5258, -90.4275



22.8880, 6.4642, -20.0728

Inverse Universe

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



126.3770, 28.9011, 63.6904



143.3100, 44.2172, 97.9521



157.0300, -38.9618, 36.8077



93.6030, 2.1677, 4.7332



65.1530, 38.8716, 85.8118



14.4120, 8.6709, 18.9327

Previews

White Background



This preview shows how the YUV color 154.6030, 21.8877, -67.1808 looks on a white background.

Color Contrast Check

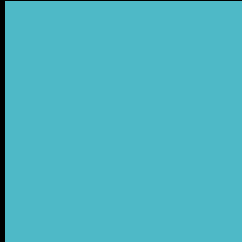
Large Text (above 18pt) WCAG AA × Fail

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 154.6030, 21.8877, -67.1808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

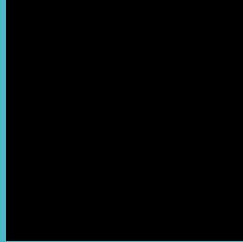
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.6030, 21.8877, -67.1808

Background



This preview shows how black text looks on a background with the YUV color 154.6030, 21.8877, -67.1808.



This preview shows how white text looks on a background with the YUV color 154.6030, 21.8877, -67.1808.

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

154.6030, 21.8877, -67.1808

Protanopia

169.9810, 8.8834, -2.6143

Deuteranopia

171.1150, 15.7193, -1.8549



Tritanopia

154.7170, 22.3245, -67.2808

Trichromacy



Original Color

154.6030, 21.8877, -67.1808

Protanomaly

164.3910, 13.6112, -25.7759

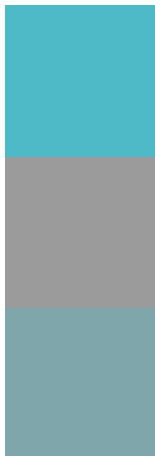
Deuteranomaly

165.2430, 18.1212, -25.6461

Tritanomaly

154.7170, 22.3245, -67.2808

Monochromacy



Original Color

154.6030, 21.8877, -67.1808

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.9090, 7.9329, -24.4762

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.6030, 21.8877, -67.1808 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(78, 185, 199)` looks like.

```
.text, #text, p{  
  color:rgb(78, 185, 199)  
}
```

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(78, 185, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 185, 199) }
```

Border

The CSS property to change the border of an element to YUV 154.6030, 21.8877, -67.1808 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(78, 185, 199) }
```


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

```
.border{ border-color:rgb(78, 185, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 185, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 185, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 185, 199);  
box-shadow:4px 4px 4px 4px rgb(78, 185,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 154.6030, 21.8877, -67.1808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 185, 199) }
```

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

```
.background{ background-color: rgb(78, 185,  
199) }
```

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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