

Converting Colors

YUV(199.6680, 6.5727,
-54.9598)

Have a look what the booklet for
YUV(199.6680, 6.5727, -54.9598)
contains.

YUV(199.6680, 6.5727, -54.9598)	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(199.6680, 6.5727,
-54.9598)**

Conversions

Conversions Part 1

Format	Color
Hex	89E5D5
RGB	137, 229, 213
RGB Percent	54%, 90%, 84%
CMY	0.4627, 0.1020, 0.1647
CMYK	0.40, 0.00, 0.07, 0.10
HSL	170°, 64%, 72%
HSV	170°, 40%, 90%
XYZ	50.3461, 66.1611, 73.0676
YIQ	199.6680, -49.6960, -24.4800

Conversions

Conversions Part 2

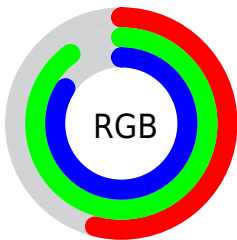
Format	Color
RYB	137, 187, 229
Decimal	9037269
CIELab	85.08, -31.13, -0.83
CIELCh	85, 31.138, 181.521
Yxy	66.1611, 0.2656, 0.3490
Android (android.graphics.Color)	4287227349 (0xFF89E5D5)
YUV	199.6680, 6.5727, -54.9598
Hunter-Lab	81.3395, -31.8593, 3.6771

Details

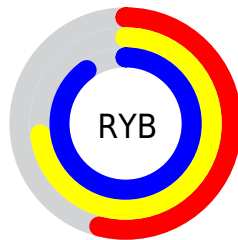
The YUV color **199.6680, 6.5727, -54.9598** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **166.3320, -6.5727, 54.9598**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7610, 8.9918, -37.5014**, and **143.7820, 7.0095, -55.0598** is the 20% darker color. If you saturate the color by 10%, you get **192.3350, 8.2158, -68.6998**, and if you desaturate by 10%, it is **207.0010, 4.9295, -41.2199**.

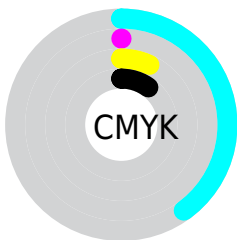
Distribution



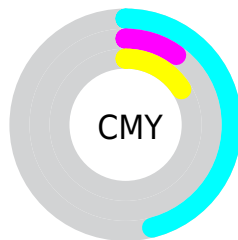
- Red (54%)
- Green (90%)
- Blue (84%)



- Red (54%)
- Yellow (73%)
- Blue (90%)



- Cyan (40%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (46%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.6680, 6.5727, -54.9598 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 199.6680, 6.5727, -54.9598 by changing the saturation by 10% instead.

■ 199.6680, 6.5727,
-54.9598

■ 199.6680, 6.5727,
-54.9598

255.0000, 0.0000,
0.0000

■ 171.6680, 6.5727,
-54.9598

■ 236.7610, 8.9918,
-37.5014

■ 143.7820, 7.0095,
-55.0598

■ 245.4320, 4.7170,
-19.6729

■ 115.9990, 7.8885,
-57.0041

■ 254.4020, 0.2948,
-1.2296

■ 85.3290, 10.6838,
-66.9405

■ 65.2270, 8.7621,
-57.2041

■ 48.5170, 5.6611,
-42.5494

■ 31.9210, 2.9969,

-27.9947

■ 17.9010, 0.0488,
-15.6992

■ 0.0000, 0.0000,
0.0000

■ 199.6680, 6.5727,
-54.9598

■ 199.6680, 6.5727,
-54.9598

■ 192.3350, 8.2158,
-68.6998

■ 207.0010, 4.9295,
-41.2199

■ 185.0020, 9.8590,
-82.4398

■ 214.3340, 3.2863,
-27.4799

■ 177.6690, 11.5022,
-96.1797

■ 221.6670, 1.6432,
-13.7400

■ 170.3360, 13.1454,
-109.9197

■ 229.0000, 0.0000,
0.0000

■ 163.0030, 14.7885,
-123.6596

■ 236.0340, -1.4958,
13.1252

■ 155.9690, 16.2843,
-136.7848

■ 237.6860, -0.3382,
15.1844

■ 238.1420, 1.4090,
14.7845

■ 238.5980, 3.1562,
14.3846

■ 239.0540, 4.9034,
13.9846

Harmonies

Analogous

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



203.5710, -9.6485, -32.0728



199.6680, 6.5727, -54.9598



198.5000, 21.4455, -65.3365

Triad

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



199.6680, 6.5727, -54.9598



214.2990, 20.0656, 4.1228



212.7000, -24.9951, 37.0971

Complementary

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



199.6680, 6.5727, -54.9598



166.3320, -6.5727, 54.9598

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.



210.3980, -13.5072, 39.1160



199.6680, 6.5727, -54.9598



217.2870, 11.6905, 30.4433

Square

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



199.6680, 6.5727, -54.9598



208.4970, 22.9260, -26.7459



212.5300, -0.2613, 37.2462



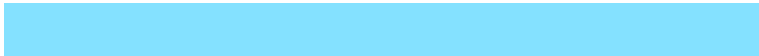
210.7810, -27.9930, 18.6091

Rectangle

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



199.6680, 6.5727, -54.9598



200.6130, 26.8128, -60.1736



212.5300, -0.2613, 37.2462



211.6230, -21.5061, 38.0416

Sweetspot

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



199.6680, 6.5727, -54.9598



245.1610, 2.3856, -18.5582



196.0870, -29.1299, -36.9103



122.1620, 0.9061, -10.6661



0.0000, 0.0000, 0.0000



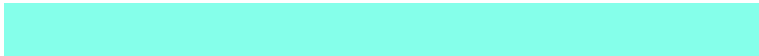
128.0000, 0.0000, 0.0000

Same Dimension

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



199.6680, 6.5727, -54.9598



216.1280, 8.8109, -72.9033



184.4690, 21.9538, -41.6303



111.1840, 0.8953, -7.1774



121.8310, 12.4083, -106.8458



34.7250, 3.5866, -30.4538

Inverse Universe

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



166.3320, -6.5727, 54.9598



171.8720, -8.8109, 72.9033



181.5310, -21.9538, 41.6303



106.8160, -0.8953, 7.1774



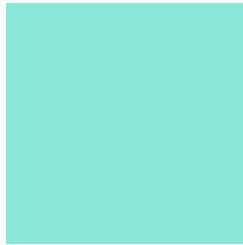
57.0550, -12.8451, 106.9458



16.2750, -3.5866, 30.4538

Previews

White Background



This preview shows how the YUV color 199.6680, 6.5727, -54.9598 looks on a white background.

Color Contrast Check

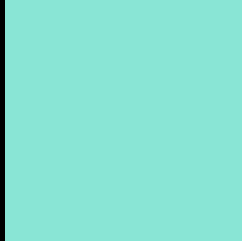
Large Text (above 18pt) WCAG AA × Fail

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 199.6680, 6.5727, -54.9598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

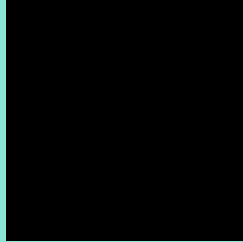
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

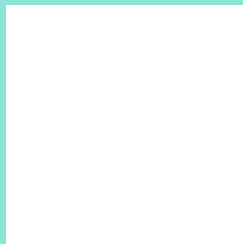
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.6680, 6.5727, -54.9598

Background



This preview shows how black text looks on a background with the YUV color 199.6680, 6.5727, -54.9598.



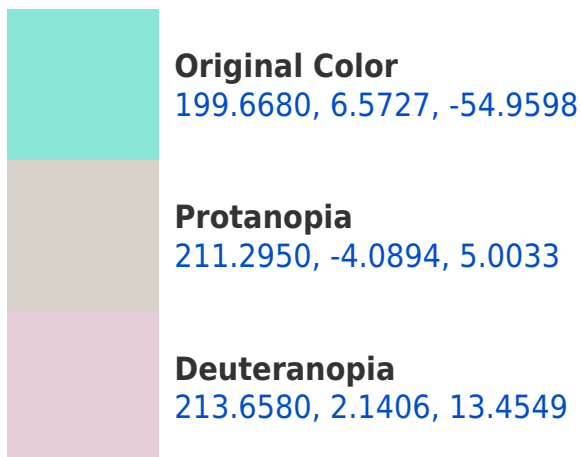
This preview shows how white text looks on a background with the YUV color 199.6680, 6.5727, -54.9598.

-54.9598.

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

203.1320, 19.6549, -50.9818

Trichromacy



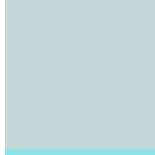
Original Color

199.6680, 6.5727, -54.9598



Protanomaly

207.1890, -0.0932, -16.8288



Deuteranomaly

208.8460, 3.5269, -11.2659



Tritanomaly

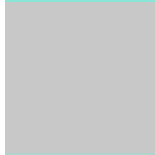
201.5680, 15.0030, -52.2411

Monochromacy



Original Color

199.6680, 6.5727, -54.9598



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

200.1500, 2.3910, -20.3026

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.6680, 6.5727, -54.9598 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(137, 229, 213)` looks like.

```
.text, #text, p{  
    color:rgb(137, 229, 213)  
}
```

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(137, 229, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 229, 213) }
```

Border

The CSS property to change the border of an element to YUV 199.6680, 6.5727, -54.9598 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(137, 229, 213) }
```


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

```
.border{ border-color:rgb(137, 229, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 229, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 229, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 229, 213);  
box-shadow:4px 4px 4px 4px rgb(137, 229,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 199.6680, 6.5727, -54.9598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 229, 213) }
```

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

```
.background{ background-color: rgb(137,  
229, 213) }
```

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