

Converting Colors

YUV(175.2460, -0.1213,
-54.5897)

Have a look what the booklet for
YUV(175.2460, -0.1213, -54.5897)
contains.

YUV(175.2460, -0.1213, -54.5897)	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(175.2460, -0.1213,
-54.5897)**

Conversions

Conversions Part 1

Format	Color
Hex	71CF AF
RGB	113, 207, 175
RGB Percent	44%, 81%, 69%
CMY	0.5569, 0.1882, 0.3137
CMYK	0.45, 0.00, 0.15, 0.19
HSL	160°, 49%, 63%
HSV	160°, 45%, 81%
XYZ	36.8607, 51.2315, 48.5033
YIQ	175.2460, -45.7520, -29.8800

Conversions

Conversions Part 2

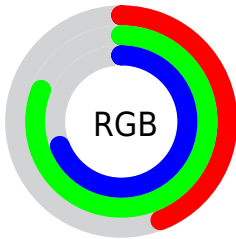
Format	Color
RYB	113, 170, 207
Decimal	7458735
CIELab	76.82, -35.46, 7.29
CIElCh	77, 36.199, 168.386
Yxy	51.2315, 0.2699, 0.3751
Android (android.graphics.Color)	4285648815 (0xFF71CFAF)
YUV	175.2460, -0.1213, -54.5897
Hunter-Lab	71.5762, -33.3333, 9.9257

Details

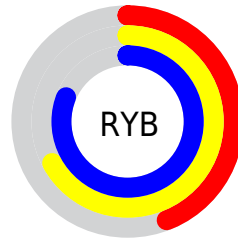
The YUV color **175.2460, -0.1213, -54.5897** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **144.7540, 0.1213, 54.5897**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5500, 2.1938, -50.4714**, and **119.9900, 1.4839, -56.1192** is the 20% darker color. If you saturate the color by 10%, you get **168.1690, -0.0833, -66.8002**, and if you desaturate by 10%, it is **182.3230, -0.1592, -42.3793**.

Distribution



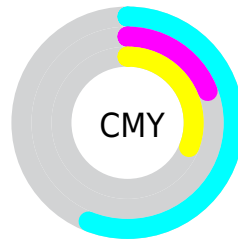
- Red (44%)
- Green (81%)
- Blue (69%)



- Red (44%)
- Yellow (67%)
- Blue (81%)



- Cyan (45%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)



- Cyan (56%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.2460, -0.1213, -54.5897 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 175.2460, -0.1213, -54.5897 by changing the saturation by 10% instead.

 175.2460, -0.1213,
-54.5897

 175.2460, -0.1213,
-54.5897


255.0000, 0.0000,
0.0000

 147.3600, 0.3155,
-54.6897


 226.5500, 2.1938,
-50.4714


 119.9900, 1.4839,
-56.1192


 237.9570, 8.4022,
-35.0423

 91.1140, 3.3948,
-62.3670

 246.6280, 4.1274,
-17.2138

 67.1360, 3.3840,
-58.8783

 50.4260, 0.2830,
-44.2236

 33.9440, -1.9444,
-29.7689

 19.4680, -6.6397,

-17.0734

■ 0.0000, 0.0000,
0.0000

■ 175.2460, -0.1213,
-54.5897

■ 175.2460, -0.1213,
-54.5897

■ 168.1690, -0.0833,
-66.8002

■ 182.3230, -0.1592,
-42.3793

■ 161.3910, -0.1928,
-78.3959

■ 189.1010, -0.0498,
-30.7836

■ 154.3140, -0.1548,
-90.6064

■ 196.1780, -0.0878,
-18.5731

■ 147.2370, -0.1168,
-102.8168

■ 203.2550, -0.1257,
-6.3626

■ 140.4590, -0.2263,
-114.4125

■ 210.3320, -0.1637,
5.8478

■ 137.1270, -0.0626,
-120.2604

■ 217.1100, -0.0542,
17.4435

■ 223.2900, 0.3500,
27.8097

■ 224.0880, 3.4076,
27.1098

■ 224.8860, 6.4652,
26.4100

Harmonies

Analogous

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



180.7370, -18.1113, -24.3253



175.2460, -0.1213, -54.5897



169.3580, 20.0365, -80.1210

Triad

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



175.2460, -0.1213, -54.5897



190.3490, 30.8869, -13.4611



190.8910, -24.5963, 49.2076

Complementary

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



175.2460, -0.1213, -54.5897



144.7540, 0.1213, 54.5897

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.



192.4800, -11.0826, 54.8300



175.2460, -0.1213, -54.5897



194.2950, 19.5746, 21.6663

Square

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



175.2460, -0.1213, -54.5897



181.4860, 36.2424, -51.2922



193.9640, 4.9477, 46.5126



188.5330, -31.8148, 31.1046

Rectangle

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



175.2460, -0.1213, -54.5897



168.6700, 30.2357, -84.7796



193.9640, 4.9477, 46.5126



191.6510, -20.5339, 52.9261

Sweetspot

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



175.2460, -0.1213, -54.5897



242.8680, 0.0651, -20.9322



178.0450, -32.0672, -28.1035



120.5100, -0.2514, -12.7253



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.



175.2460, -0.1213, -54.5897



208.3800, -0.1873, -80.1403



170.6760, 17.9077, -50.5819



101.2550, -0.1257, -6.3626



111.2700, -0.1331, -97.5838



27.1450, -0.0715, -23.8062

Inverse Universe

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



144.7540, 0.1213, 54.5897



163.6200, 0.1873, 80.1403



149.3240, -17.9077, 50.5819



97.7450, 0.1257, 6.3626



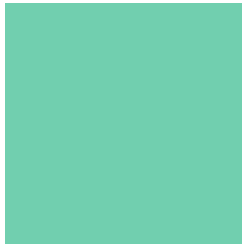
56.7300, 0.1331, 97.5838



13.8550, 0.0715, 23.8062

Previews

White Background



This preview shows how the YUV color 175.2460, -0.1213, -54.5897 looks on a white background.

Color Contrast Check

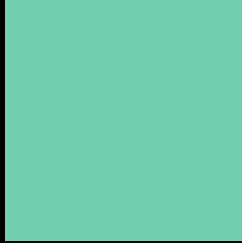
Large Text (above 18pt) WCAG AA × Fail

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 175.2460, -0.1213, -54.5897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

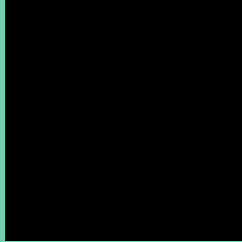
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.2460, -0.1213, -54.5897

Background



This preview shows how black text looks on a background with the YUV color 175.2460, -0.1213, -54.5897.



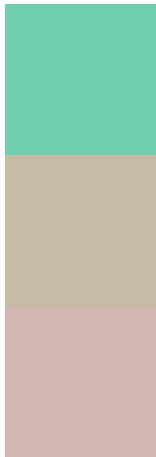
This preview shows how white text looks on a background with the YUV color 175.2460, -0.1213, -54.5897.

-54.5897.

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

175.2460, -0.1213, -54.5897

Protanopia

188.0690, -11.3730, 7.8325

Deuteranopia

190.1440, -5.0010, 17.4137



Tritanopia

179.8010, 18.3391, -48.9375

Trichromacy



Original Color

175.2460, -0.1213, -54.5897



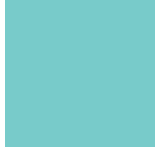
Protanomaly

183.3650, -7.0819, -15.2291



Deuteranomaly

184.7340, -3.3199, -8.5367



Tritanomaly

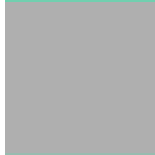
178.0690, 11.7980, -50.9265

Monochromacy



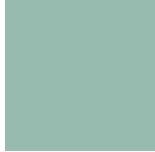
Original Color

175.2460, -0.1213, -54.5897



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.1670, -0.0823, -20.3175

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.2460, -0.1213, -54.5897 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(113, 207, 175)` looks like.

```
.text, #text, p{  
    color:rgb(113, 207, 175)  
}
```

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(113, 207, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 207, 175) }
```

Border

The CSS property to change the border of an element to YUV 175.2460, -0.1213, -54.5897 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(113, 207, 175) }
```


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

```
.border{ border-color:rgb(113, 207, 175) }
```

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

Here you see how a box with a 4 pixel rgb(113, 207, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 207, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 207, 175);  
box-shadow:4px 4px 4px 4px rgb(113, 207,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 175.2460, -0.1213, -54.5897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 207, 175) }
```

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

```
.background{ background-color: rgb(113,  
207, 175) }
```

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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