

Converting Colors

YUV(164.3540, -0.6675,
-66.0855)

Have a look what the booklet for
YUV(164.3540, -0.6675, -66.0855)
contains.

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Color

**YUV(164.3540, -0.6675,
-66.0855)**

Conversions

Conversions Part 1

Format	Color
Hex	59CBA3
RGB	89, 203, 163
RGB Percent	35%, 80%, 64%
CMY	0.6510, 0.2039, 0.3608
CMYK	0.56, 0.00, 0.20, 0.20
HSL	159°, 52%, 57%
HSV	159°, 56%, 80%
XYZ	32.0866, 47.4801, 42.1238
YIQ	164.3540, -55.1040, -36.6080

Conversions

Conversions Part 2

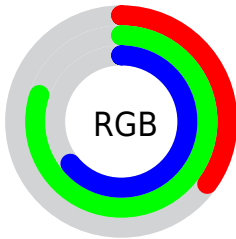
Format	Color
RYB	89, 158, 203
Decimal	5884835
CIELab	74.50, -41.92, 10.30
CIELCh	74, 43.165, 166.200
Yxy	47.4801, 0.2637, 0.3902
Android (android.graphics.Color)	4284074915 (0xFF59CBA3)
YUV	164.3540, -0.6675, -66.0855
Hunter-Lab	68.9058, -37.4649, 11.9886

Details

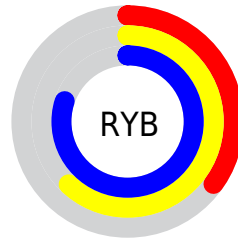
The YUV color **164.3540, -0.6675, -66.0855** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **127.6460, 0.6675, 66.0855**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.4900, -0.2416, -62.6967**, and **103.7160, 3.5910, -78.6809** is the 20% darker color. If you saturate the color by 10%, you get **157.5760, -0.7770, -77.6812**, and if you desaturate by 10%, it is **171.1320, -0.5581, -54.4898**.

Distribution



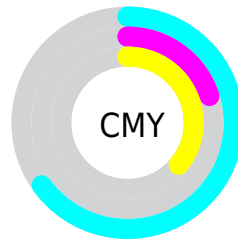
- Red (35%)
- Green (80%)
- Blue (64%)



- Red (35%)
- Yellow (62%)
- Blue (80%)



- Cyan (56%)
- Magenta (0%)
- Yellow (20%)
- Black (20%)



- Cyan (65%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.3540, -0.6675, -66.0855 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 164.3540, -0.6675, -66.0855 by changing the saturation by 10% instead.

■ 164.3540, -0.6675,
-66.0855

■ 164.3540, -0.6675,
-66.0855

255.0000, 0.0000,
0.0000

■ 135.6850, 0.6483,
-68.1297

■ 218.4900, -0.2416,
-62.6967

■ 103.7160, 3.5910,
-78.6809

■ 230.3530, 7.7140,
-47.6676

■ 81.5320, 2.6957,
-71.5036

■ 240.3490, 7.2229,
-30.1241

■ 63.6480, 0.1735,
-55.8193

■ 249.3190, 2.8007,
-11.6808

■ 46.3510, -2.6380,
-40.6498

■ 30.5700, -4.7180,
-26.8099

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 164.3540, -0.6675,
-66.0855

■ 164.3540, -0.6675,
-66.0855

■ 157.5760, -0.7770,
-77.6812

■ 171.1320, -0.5581,
-54.4898

■ 150.4990, -0.7390,
-89.8916

■ 178.2090, -0.5960,
-42.2793

■ 143.7210, -0.8485,
-101.4873

■ 184.9870, -0.4866,
-30.6836

■ 136.9430, -0.9579,
-113.0830

■ 191.7650, -0.3771,
-19.0879

■ 134.2090, -1.0890,
-117.7013

■ 198.9560, 0.0217,
-6.9774

■ 205.7340, 0.1311,
4.6183

■ 212.5120, 0.2406,
16.2140

■ 219.2900, 0.3500,
27.8097

■ 221.2840, 2.8180,
29.5689

Harmonies

Analogous

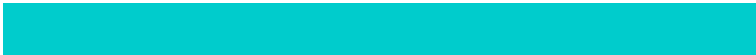
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172.8740, -22.6159, -26.1995



164.3540, -0.6675, -66.0855



143.0040, 30.0710, -125.4145

Triad

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



164.3540, -0.6675, -66.0855



182.5700, 35.7080, -19.7939



184.1480, -27.6810, 58.6292

Complementary

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



164.3540, -0.6675, -66.0855



127.6460, 0.6675, 66.0855

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.



184.0510, -10.3781, 62.2223



164.3540, -0.6675, -66.0855



188.0870, 25.1001, 22.7257

Square

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



164.3540, -0.6675, -66.0855



168.0750, 42.8540, -71.9798



187.9910, 7.3994, 53.5049



182.0840, -37.5094, 37.6373

Rectangle

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



164.3540, -0.6675, -66.0855



145.2670, 41.2804, -127.3992



187.9910, 7.3994, 53.5049



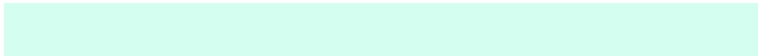
184.1360, -22.7450, 62.1477

Sweetspot

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



164.3540, -0.6675, -66.0855



240.4330, -0.2135, -24.9357



168.4760, -39.1817, -32.8665



119.2000, -0.0986, -15.0844



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.



164.3540, -0.6675, -66.0855



197.0310, -1.0013, -99.1282



160.1090, 21.1453, -62.3626



98.5540, -0.2731, -5.7479



109.7540, -0.8647, -96.2543



25.1560, -0.0769, -22.0618

Inverse Universe

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



127.6460, 0.6675, 66.0855



141.9690, 1.0013, 99.1282



131.8910, -21.1453, 62.3626



95.3320, -0.1637, 5.8478



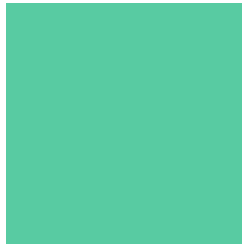
56.2460, 0.8647, 96.2543



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 164.3540, -0.6675, -66.0855 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 164.3540, -0.6675, -66.0855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

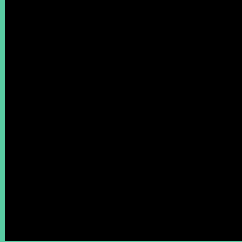
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.3540, -0.6675, -66.0855

Background



This preview shows how black text looks on a background with the YUV color 164.3540, -0.6675, -66.0855.



This preview shows how white text looks on a background with the YUV color 164.3540, -0.6675,

-66.0855.

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

164.3540, -0.6675, -66.0855

Protanopia

181.5700, -14.5780, 9.1471

Deuteranopia

183.5740, -7.1850, 17.9136



Tritanopia

170.6150, 20.4028, -57.5444

Trichromacy



Original Color

164.3540, -0.6675, -66.0855

Protanomaly

175.6590, -9.6919, -18.1179

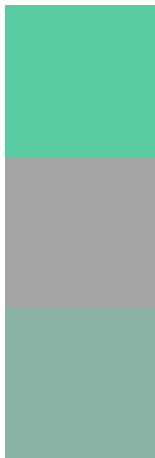
Deuteranomaly

176.6580, -4.7614, -12.8551

Tritanomaly

168.5300, 12.5567, -60.9778

Monochromacy



Original Color

164.3540, -0.6675, -66.0855

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.1450, -0.0715, -23.8062

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.3540, -0.6675, -66.0855 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(89, 203, 163)` looks like.

```
.text, #text, p{  
    color:rgb(89, 203, 163)  
}
```

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(89, 203, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 203, 163) }
```

Border

The CSS property to change the border of an element to YUV 164.3540, -0.6675, -66.0855 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(89, 203, 163) }
```


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

```
.border{ border-color:rgb(89, 203, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 203, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 203, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 203, 163);  
box-shadow:4px 4px 4px 4px rgb(89, 203,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 164.3540, -0.6675, -66.0855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 203, 163) }
```

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

```
.background{ background-color: rgb(89, 203,  
163) }
```

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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