

Converting Colors

YUV(158.6410, -16.0920,
-65.4602)

Have a look what the booklet for
YUV(158.6410, -16.0920, -65.4602)
contains.

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Color

**YUV(158.6410, -16.0920,
-65.4602)**

Conversions

Conversions Part 1

Format	Color
Hex	54CB7E
RGB	84, 203, 126
RGB Percent	33%, 80%, 49%
CMY	0.6706, 0.2039, 0.5059
CMYK	0.59, 0.00, 0.38, 0.20
HSL	141°, 53%, 56%
HSV	141°, 59%, 80%
XYZ	28.7780, 46.1030, 27.1207
YIQ	158.6410, -46.2070, -49.1750

Conversions

Conversions Part 2

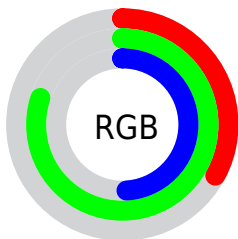
Format	Color
RYB	84, 172, 203
Decimal	5557118
CIELab	73.61, -50.51, 28.67
CIELCh	74, 58.081, 150.425
Yxy	46.1030, 0.2821, 0.4520
Android (android.graphics.Color)	4283747198 (0xFF54CB7E)
YUV	158.6410, -16.0920, -65.4602
Hunter-Lab	67.8992, -43.1693, 23.8475

Details

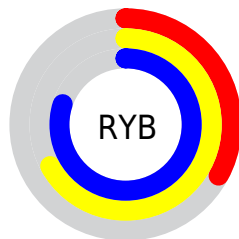
The YUV color **158.6410, -16.0920, -65.4602** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **128.3590, 16.0920, 65.4602**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8480, -16.6871, -61.2567**, and **95.5400, -9.6332, -83.7886** is the 20% darker color. If you saturate the color by 10%, you get **151.1790, -18.8222, -76.4560**, and if you desaturate by 10%, it is **166.1030, -13.3618, -54.4643**.

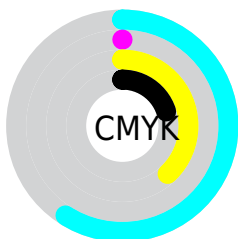
Distribution



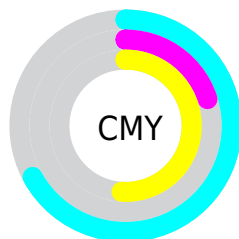
- Red (33%)
- Green (80%)
- Blue (49%)



- Red (33%)
- Yellow (67%)
- Blue (80%)



- Cyan (59%)
- Magenta (0%)
- Yellow (38%)
- Black (20%)



- Cyan (67%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.6410, -16.0920, -65.4602 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 158.6410, -16.0920, -65.4602 by changing the saturation by 10% instead.

■ 158.6410,
-16.0920, -65.4602

■ 158.6410,
-16.0920, -65.4602

■ 255.0000, 0.0000,
0.0000

■ 129.4880,
-14.0446, -68.8340

■ 212.8480,
-16.6871, -61.2567

■ 95.5400, -9.6332,
-83.7886

■ 224.7110, -8.7315,
-46.2275

■ 76.9550, -12.3028,
-67.4895

■ 236.8730, -0.9234,
-30.5836

■ 59.0710, -14.8250,
-51.8053

■ 247.8240, 3.5378,
-14.7546

■ 42.2470, -18.3628,
-37.0506

■ 28.1760, -13.8908,
-24.7104

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 158.6410,
-16.0920, -65.4602

■ 158.6410,
-16.0920, -65.4602

■ 151.1790,
-18.8222, -76.4560

■ 166.1030,
-13.3618, -54.4643

■ 143.4180,
-21.4051, -88.0666

■ 173.8640,
-10.7790, -42.8537

■ 135.9560,
-24.1353, -99.0624

■ 181.3260, -8.0487,
-31.8579

■ 128.3800,
-27.3023, -109.9583

■ 188.9020, -4.8817,
-20.9621

■ 127.3690,
-27.2969, -111.7026

■ 196.6630, -2.2989,
-9.3515

■ 204.1250, 0.4314,
1.6444

■ 211.5870, 3.1616,
12.6402

■ 219.0490, 5.8918,
23.6360

■ 223.2220, 10.2436,
27.8693

Harmonies

Analogous

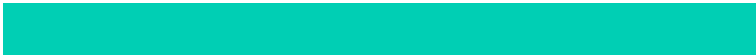
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170.0980, -42.4463, -12.3639



158.6410, -16.0920, -65.4602



142.0290, 18.7197, -124.5594

Triad

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



158.6410, -16.0920, -65.4602



159.7800, 46.9435, -76.9831



173.2450, -21.3198, 71.6991

Complementary

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



158.6410, -16.0920, -65.4602



128.3590, 16.0920, 65.4602

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.



175.6510, 3.1301, 69.5891



158.6410, -16.0920, -65.4602



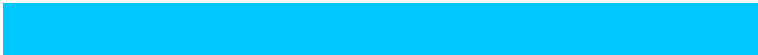
182.1150, 35.9323, 1.6531

Square

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



158.6410, -16.0920, -65.4602



146.4700, 53.5053, -128.4542



186.2310, 23.5501, 53.2944



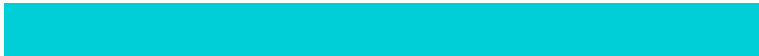
178.7130, -44.7215, 64.2727

Rectangle

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



158.6410, -16.0920, -65.4602



146.1330, 34.4444, -128.1586



186.2310, 23.5501, 53.2944



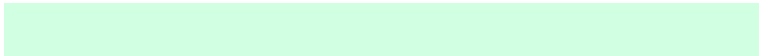
172.8350, -12.7367, 72.0587

Sweetspot

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



158.6410, -16.0920, -65.4602



237.8260, -6.3232, -25.2804



176.8760, -45.7879, -13.9233



117.1630, -4.0244, -15.9290



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.



158.6410, -16.0920, -65.4602



188.6680, -23.9933, -97.9328



165.3670, 9.6791, -71.3589



98.2120, -1.5835, -5.4479



104.1680, -22.2678, -91.3553



23.9020, -4.8817, -20.9621

Inverse Universe

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



128.3590, 16.0920, 65.4602



143.3320, 23.9933, 97.9328



121.6330, -9.6791, 71.3589



95.6740, 1.1467, 5.5479



61.8320, 22.2678, 91.3553



14.2120, 5.3185, 20.8621

Previews

White Background



This preview shows how the YUV color 158.6410, -16.0920, -65.4602 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 158.6410, -16.0920, -65.4602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

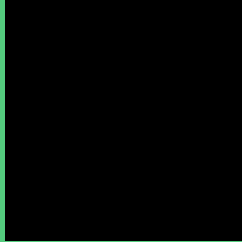
Any Text WCAG AA ✓ Pass

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 158.6410, -16.0920, -65.4602 Background



This preview shows how black text looks on a background with the YUV color 158.6410, -16.0920, -65.4602.



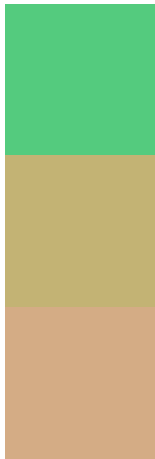
This preview shows how white text looks on a background with the YUV color 158.6410, -16.0920, -65.4602.

-65.4602.

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

158.6410, -16.0920, -65.4602

Protanopia

176.6020, -29.8768, 16.1350

Deuteranopia

179.5140, -22.9314, 28.4902



Tritanopia

169.4090, 19.5184, -53.8557

Trichromacy



Original Color

158.6410, -16.0920, -65.4602

Protanomaly

170.3810, -24.8378, -13.4891

Deuteranomaly

171.5760, -20.4970, -5.7672

Tritanomaly

165.6460, 6.5835, -58.4485

Monochromacy



Original Color

158.6410, -16.0920, -65.4602

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9510, -5.8918, -23.6360

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.6410, -16.0920, -65.4602 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(84, 203, 126)` looks like.

```
.text, #text, p{  
    color:rgb(84, 203, 126)  
}
```

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(84, 203, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 203, 126) }
```

Border

The CSS property to change the border of an element to YUV 158.6410, -16.0920, -65.4602 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(84, 203, 126) }
```


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

```
.border{ border-color:rgb(84, 203, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 203, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 203, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 203, 126);  
box-shadow:4px 4px 4px 4px rgb(84, 203,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 158.6410, -16.0920, -65.4602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 203, 126) }
```

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

```
.background{ background-color: rgb(84, 203,  
126) }
```

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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