

Converting Colors

YUV(165.5500, -1.2571,
-63.6263)

Have a look what the booklet for
YUV(165.5500, -1.2571, -63.6263)
contains.

YUV(165.5500, -1.2571, -63.6263)	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(165.5500, -1.2571,
-63.6263)**

Conversions

Conversions Part 1

Format	Color
Hex	5DCBA3
RGB	93, 203, 163
RGB Percent	36%, 80%, 64%
CMY	0.6353, 0.2039, 0.3608
CMYK	0.54, 0.00, 0.20, 0.20
HSL	158°, 51%, 58%
HSV	158°, 54%, 80%
XYZ	32.4810, 47.6834, 42.1422
YIQ	165.5500, -52.7200, -35.7600

Conversions

Conversions Part 2

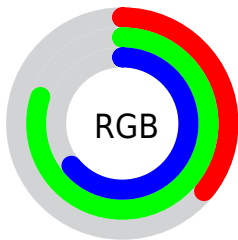
Format	Color
RYB	93, 160, 203
Decimal	6146979
CIELab	74.62, -41.05, 10.50
CIELCh	75, 42.375, 165.657
Yxy	47.6834, 0.2656, 0.3899
Android (android.graphics.Color)	4284337059 (0xFF5DCBA3)
YUV	165.5500, -1.2571, -63.6263
Hunter-Lab	69.0531, -36.8808, 12.1533

Details

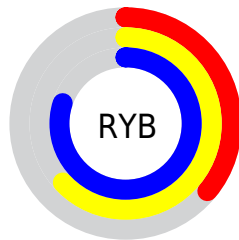
The YUV color **165.5500, -1.2571, -63.6263** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **130.4500, 1.2572, 63.6264**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.6860, -0.8312, -60.2376**, and **107.0050, 1.9695, -71.9184** is the 20% darker color. If you saturate the color by 10%, you get **158.7720, -1.3666, -75.2220**, and if you desaturate by 10%, it is **172.3280, -1.1477, -52.0307**.

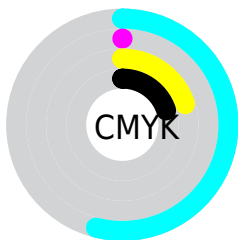
Distribution



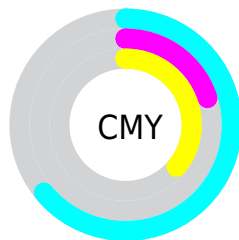
- Red (36%)
- Green (80%)
- Blue (64%)



- Red (36%)
- Yellow (63%)
- Blue (80%)



- Cyan (54%)
- Magenta (0%)
- Yellow (20%)
- Black (20%)



- Cyan (64%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.5500, -1.2571, -63.6263 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 165.5500, -1.2571, -63.6263 by changing the saturation by 10% instead.

■ 165.5500, -1.2571,
-63.6263

■ 165.5500, -1.2571,
-63.6263

255.0000, 0.0000,
0.0000

■ 137.1800, -0.0887,
-65.0559

■ 219.6860, -0.8312,
-60.2376

■ 107.0050, 1.9695,
-71.9184

■ 231.5490, 7.1243,
-45.2085

■ 81.5320, 2.6957,
-71.5036

■ 241.2460, 6.7807,
-28.2797

■ 63.6480, 0.1735,
-55.8193

■ 250.2160, 2.3585,
-9.8364

■ 46.9380, -2.9274,
-41.1646

■ 30.5700, -4.7180,
-26.8099

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 165.5500, -1.2571,
-63.6263

■ 165.5500, -1.2571,
-63.6263

■ 158.7720, -1.3666,
-75.2220

■ 172.3280, -1.1477,
-52.0307

■ 151.5810, -1.7654,
-87.3325

■ 179.5190, -0.7489,
-39.9202

■ 144.8030, -1.8749,
-98.9282

■ 186.2970, -0.6394,
-28.3245

■ 137.9110, -2.4211,
-110.4239

■ 193.1890, -0.0932,
-16.8288

■ 133.8670, -2.3994,
-117.4014

■ 200.2660, -0.1311,
-4.6183

■ 207.0440, -0.0217,
6.9774

■ 213.9360, 0.5246,
18.4731

■ 220.7140, 0.6340,
30.0688

■ 221.5120, 3.6916,
29.3690

Harmonies

Analogous

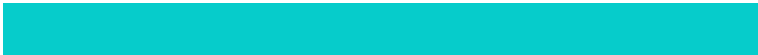
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



173.5860, -22.4739, -25.0699



165.5500, -1.2571, -63.6263



144.6840, 28.7498, -121.6259

Triad

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



165.5500, -1.2571, -63.6263



182.5700, 35.7080, -19.7939



184.6640, -26.9494, 57.2997

Complementary

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



165.5500, -1.2571, -63.6263



130.4500, 1.2572, 63.6264

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.



184.7520, -10.2307, 61.6075



165.5500, -1.2571, -63.6263



188.5600, 24.3739, 22.3109

Square

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



165.5500, -1.2571, -63.6263



168.9720, 42.4118, -70.1354



188.3930, 7.6943, 52.2753



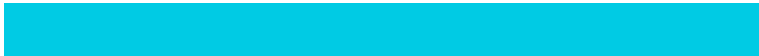
182.3120, -36.6358, 37.4374

Rectangle

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



165.5500, -1.2571, -63.6263



145.1530, 40.8436, -127.2992



188.3930, 7.6943, 52.2753



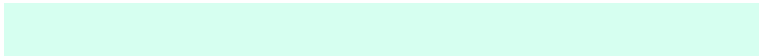
184.9510, -22.1608, 61.4330

Sweetspot

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



165.5500, -1.2571, -63.6263



241.0310, -0.5083, -23.7062



169.5300, -37.7293, -32.0368



119.4990, -0.2460, -14.4696



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.



165.5500, -1.2571, -63.6263



198.5260, -1.7383, -96.0543



161.3050, 20.5556, -59.9035



98.5540, -0.2731, -5.7479



109.4120, -2.1751, -95.9543



25.0420, -0.5137, -21.9618

Inverse Universe

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



130.4500, 1.2572, 63.6264



145.5880, 2.1751, 95.9543



134.6950, -20.5556, 59.9035



95.4460, 0.2731, 5.7479



56.4740, 1.7383, 96.0543



12.9580, 0.5137, 21.9618

Previews

White Background



This preview shows how the YUV color 165.5500, -1.2571, -63.6263 looks on a white background.

Color Contrast Check

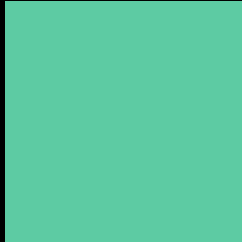
Large Text (above 18pt) WCAG AA × Fail

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 165.5500, -1.2571, -63.6263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

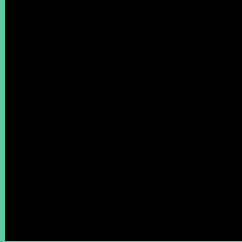
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.5500, -1.2571, -63.6263

Background



This preview shows how black text looks on a background with the YUV color 165.5500, -1.2571, -63.6263.



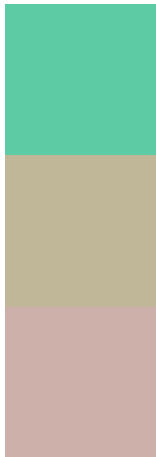
This preview shows how white text looks on a background with the YUV color 165.5500, -1.2571, -63.6263.

-63.6263.

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

165.5500, -1.2571, -63.6263

Protanopia

181.5700, -14.5780, 9.1471

Deuteranopia

183.8730, -7.3324, 18.5284



Tritanopia

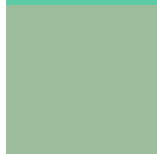
171.5120, 19.9606, -55.7000

Trichromacy



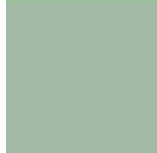
Original Color

165.5500, -1.2571, -63.6263



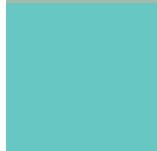
Protanomaly

175.9580, -9.8393, -17.5032



Deuteranomaly

177.2560, -5.0562, -11.6255



Tritanomaly

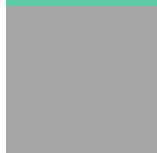
169.7260, 11.9671, -58.5187

Monochromacy



Original Color

165.5500, -1.2571, -63.6263



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.4440, -0.2189, -23.1914

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.5500, -1.2571, -63.6263 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(93, 203, 163)` looks like.

```
.text, #text, p{  
    color:rgb(93, 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(93, 203, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 203, 163) }
```

Border

The CSS property to change the border of an element to YUV 165.5500, -1.2571, -63.6263 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(93, 203, 163) }
```


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

```
.border{ border-color:rgb(93, 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(93, 203, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 203, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 203, 163);  
box-shadow:4px 4px 4px 4px rgb(93, 203,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 165.5500, -1.2571, -63.6263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 203, 163) }
```

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

```
.background{ background-color: rgb(93, 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](#).

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