

Converting Colors

YUV(165.0660, -0.5255,
-64.9559)

Have a look what the booklet for
YUV(165.0660, -0.5255, -64.9559)
contains.

YUV(165.0660, -0.5255, -64.9559)	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(165.0660, -0.5255,
-64.9559)**

Conversions

Conversions Part 1

Format	Color
Hex	5BCBA4
RGB	91, 203, 164
RGB Percent	36%, 80%, 64%
CMY	0.6431, 0.2039, 0.3569
CMYK	0.55, 0.00, 0.19, 0.20
HSL	159°, 52%, 58%
HSV	159°, 55%, 80%
XYZ	32.3712, 47.6164, 42.6067
YIQ	165.0660, -54.2330, -35.8730

Conversions

Conversions Part 2

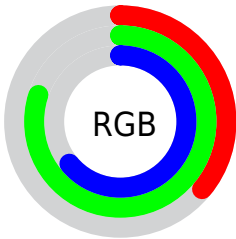
Format	Color
RYB	91, 159, 203
Decimal	6015908
CIELab	74.58, -41.27, 9.89
CIELCh	75, 42.435, 166.522
Yxy	47.6164, 0.2641, 0.3884
Android (android.graphics.Color)	4284205988 (0xFF5BCBA4)
YUV	165.0660, -0.5255, -64.9559
Hunter-Lab	69.0046, -37.0209, 11.6948

Details

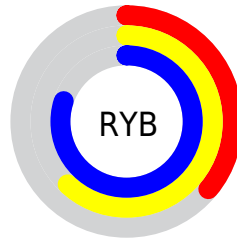
The YUV color **165.0660, -0.5255, -64.9559** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **128.9340, 0.5255, 64.9559**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.2020, -0.0996, -61.5672**, and **105.6240, 3.1434, -75.0922** is the 20% darker color. If you saturate the color by 10%, you get **158.2880, -0.6350, -76.5516**, and if you desaturate by 10%, it is **171.8440, -0.4161, -53.3602**.

Distribution



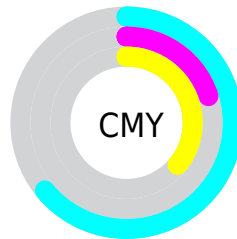
- Red (36%)
- Green (80%)
- Blue (64%)



- Red (36%)
- Yellow (62%)
- Blue (80%)



- Cyan (55%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 165.0660, -0.5255, -64.9559 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 165.0660, -0.5255, -64.9559 by changing the saturation by 10% instead.

■ 165.0660, -0.5255,
-64.9559

■ 165.0660, -0.5255,
-64.9559

255.0000, 0.0000,
0.0000

■ 136.3970, 0.7903,
-67.0002

■ 219.2020, -0.0996,
-61.5672

■ 105.6240, 3.1434,
-75.0922

■ 231.0650, 7.8560,
-46.5380

■ 81.6460, 3.1325,
-71.6035

■ 240.6480, 7.0755,
-29.5093

■ 63.6480, 0.1735,
-55.8193

■ 249.6180, 2.6533,
-11.0660

■ 47.0520, -2.4906,
-41.2646

■ 30.6840, -4.2812,
-26.9099

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 165.0660, -0.5255,
-64.9559

■ 165.0660, -0.5255,
-64.9559

■ 158.2880, -0.6350,
-76.5516

■ 171.8440, -0.4161,
-53.3602

■ 151.2110, -0.5970,
-88.7620

■ 178.9210, -0.4541,
-41.1497

■ 144.4330, -0.7065,
-100.3577

■ 185.6990, -0.3446,
-29.5540

■ 137.6550, -0.8159,
-111.9534

■ 192.4770, -0.2352,
-17.9583

■ 134.2090, -1.0890,
-117.7013

■ 199.5540, -0.2731,
-5.7479

■ 206.3320, -0.1637,
5.8478

■ 213.1100, -0.0542,
17.4435

■ 220.0020, 0.4920,
28.9392

■ 221.3980, 3.2548,
29.4690

Harmonies

Analogous

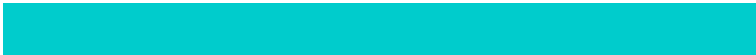
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



173.5750, -22.4685, -26.8143



165.0660, -0.5255, -64.9559



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.



165.0660, -0.5255, -64.9559



182.8690, 35.5606, -19.1791



184.5500, -27.3861, 57.3997

Complementary

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



165.0660, -0.5255, -64.9559



128.9340, 0.5255, 64.9559

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.



184.6380, -10.6675, 61.7075



165.0660, -0.5255, -64.9559



188.2720, 24.5159, 23.4405

Square

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



165.0660, -0.5255, -64.9559



169.5700, 42.1170, -68.9059



188.2790, 7.2575, 52.3753



181.8990, -36.9252, 36.9226

Rectangle

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



165.0660, -0.5255, -64.9559



144.6800, 41.5698, -126.8844



188.2790, 7.2575, 52.3753



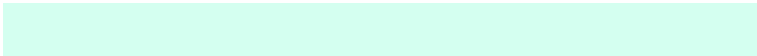
184.8370, -22.5976, 61.5330

Sweetspot

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



165.0660, -0.5255, -64.9559



240.4330, -0.2135, -24.9357



168.4050, -38.1607, -33.6812



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.



165.0660, -0.5255, -64.9559



198.0420, -1.0067, -97.3838



159.5330, 21.4292, -60.1034



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.



128.9340, 0.5255, 64.9559



143.8440, 0.5699, 97.4838



134.4670, -21.4292, 60.1034



95.3320, -0.1637, 5.8478



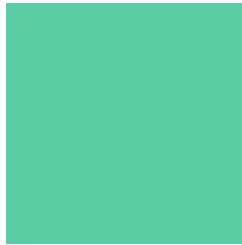
56.2460, 0.8647, 96.2543



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 165.0660, -0.5255, -64.9559 looks on a white background.

Color Contrast Check

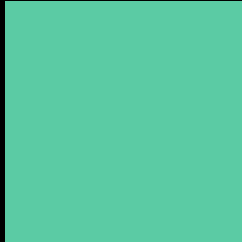
Large Text (above 18pt) WCAG AA × Fail

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 165.0660, -0.5255, -64.9559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

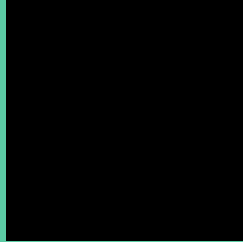
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.0660, -0.5255, -64.9559

Background



This preview shows how black text looks on a background with the YUV color 165.0660, -0.5255, -64.9559.



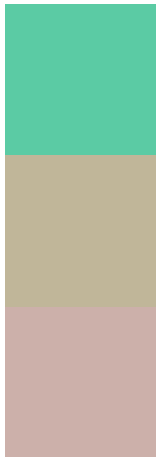
This preview shows how white text looks on a background with the YUV color 165.0660, -0.5255, -64.9559.

-64.9559.

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

165.0660, -0.5255, -64.9559

Protanopia

181.6840, -14.1412, 9.0471

Deuteranopia

183.6880, -6.7482, 17.8136



Tritanopia

170.9140, 20.2554, -56.9296

Trichromacy



Original Color

165.0660, -0.5255, -64.9559



Protanomaly

175.7730, -9.2551, -18.2179



Deuteranomaly

177.0710, -4.4720, -12.3403



Tritanomaly

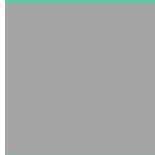
169.2420, 12.6987, -59.8482

Monochromacy



Original Color

165.0660, -0.5255, -64.9559



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.1450, -0.0715, -23.8062

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.0660, -0.5255, -64.9559 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(91, 203, 164)` looks like.

```
.text, #text, p{  
    color:rgb(91, 203, 164)  
}
```

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(91, 203, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 203, 164) }
```

Border

The CSS property to change the border of an element to YUV 165.0660, -0.5255, -64.9559 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(91, 203, 164) }
```


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

```
.border{ border-color:rgb(91, 203, 164) }
```

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

Here you see how a box with a 4 pixel rgb(91, 203, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 203, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 203, 164);  
box-shadow:4px 4px 4px 4px rgb(91, 203,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 165.0660, -0.5255, -64.9559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 203, 164) }
```

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

```
.background{ background-color: rgb(91, 203,  
164) }
```

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