

Converting Colors

YUV(166.3060, 15.6251,
-65.1664)

Have a look what the booklet for
YUV(166.3060, 15.6251, -65.1664)
contains.

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Color

**YUV(166.3060, 15.6251,
-65.1664)**

Conversions

Conversions Part 1

Format	Color
Hex	5CC6C6
RGB	92, 198, 198
RGB Percent	36%, 78%, 78%
CMY	0.6392, 0.2235, 0.2235
CMYK	0.54, 0.00, 0.00, 0.22
HSL	180°, 48%, 57%
HSV	180°, 54%, 78%
XYZ	34.8008, 46.7407, 60.6137
YIQ	166.3060, -63.1760, -22.4720

Conversions

Conversions Part 2

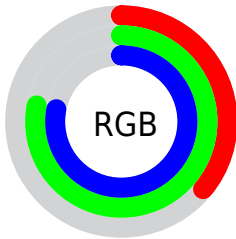
Format	Color
R_{YB}	92, 145, 198
Decimal	6080198
CIE _{Lab}	74.02, -30.33, -9.31
CIE _{LCh}	74, 31.729, 197.068
Yxy	46.7407, 0.2448, 0.3288
Android (android.graphics.Color)	4284270278 (0xFF5CC6C6)
YUV	166.3060, 15.6251, -65.1664
Hunter-Lab	68.3672, -28.7812, -4.7090

Details

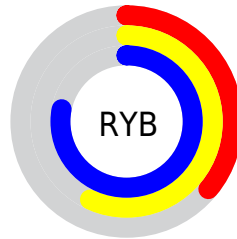
The YUV color **166.3060, 15.6251, -65.1664** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **123.6940, -15.6251, 65.1664**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9040, 15.3303, -63.9368**, and **106.0270, 18.7207, -78.0767** is the 20% darker color. If you saturate the color by 10%, you get **160.3260, 18.5733, -77.4619**, and if you desaturate by 10%, it is **172.2860, 12.6770, -52.8708**.

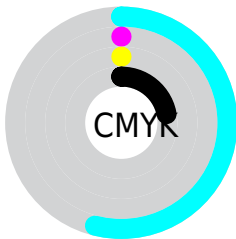
Distribution



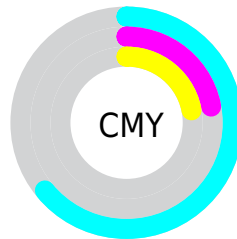
- Red (36%)
- Green (78%)
- Blue (78%)



- Red (36%)
- Yellow (57%)
- Blue (78%)



- Cyan (54%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3060, 15.6251, -65.1664 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 166.3060, 15.6251, -65.1664 by changing the saturation by 10% instead.

166.3060, 15.6251,
-65.1664

166.3060, 15.6251,
-65.1664

255.0000, 0.0000,
0.0000

137.2240, 16.6516,
-67.7254

223.9040, 15.3303,
-63.9368

106.0270, 18.7207,
-78.0767

232.5750, 11.0555,
-46.1083

82.8320, 17.8308,
-72.6437

241.5450, 6.6333,
-27.6650

65.3070, 14.1456,
-57.2742

250.5150, 2.2111,
-9.2217

47.8960, 10.8973,
-42.0048

31.8870, 7.9437,
-27.9649

16.5790, 5.1376,

-14.5398

■ 0.0000, 0.0000,
0.0000

■ 166.3060, 15.6251,
-65.1664

■ 166.3060, 15.6251,
-65.1664

■ 160.3260, 18.5733,
-77.4619

■ 172.2860, 12.6770,
-52.8708

■ 154.3460, 21.5214,
-89.7574

■ 178.2660, 9.7289,
-40.5753

■ 148.6650, 24.3222,
-101.4382

■ 183.9470, 6.9281,
-28.8945

■ 142.6850, 27.2703,
-113.7337

■ 189.9270, 3.9800,
-16.5990

■ 138.7980, 29.1866,
-121.7258

■ 195.9070, 1.0318,
-4.3034

■ 201.8870, -1.9163,
7.9921

■ 207.8670, -4.8644,
20.2876

■ 213.5480, -7.6652,
31.9684

■ 215.0430, -8.4022,
35.0423

Harmonies

Analogous

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



170.3720, -1.1694, -45.0532



166.3060, 15.6251, -65.1664



167.5090, 27.8501, -66.2214

Triad

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



166.3060, 15.6251, -65.1664



186.1050, 17.6962, 17.4479



181.6620, -27.4414, 28.3604

Complementary

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



166.3060, 15.6251, -65.1664



123.6940, -15.6251, 65.1664

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.



183.4820, -20.9436, 44.3043



166.3060, 15.6251, -65.1664



186.8060, 4.5326, 39.6351

Square

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



166.3060, 15.6251, -65.1664



182.3230, 26.9558, -12.5613



185.1910, -9.4612, 48.0675



178.2740, -25.7711, 5.8987

Rectangle

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



166.3060, 15.6251, -65.1664



172.3950, 30.8643, -52.9664



185.1910, -9.4612, 48.0675



182.0480, -26.1527, 35.0379

Sweetspot

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



166.3060, 15.6251, -65.1664



242.7410, 6.0437, -25.2059



154.2220, -30.6754, -54.5687



120.5250, 3.6852, -15.3694



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.



166.3060, 15.6251, -65.1664



206.2630, 24.0273, -100.2087



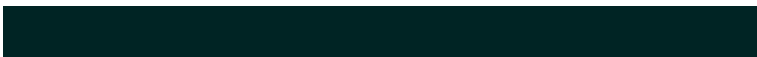
135.1950, 30.9629, -37.8820



96.3090, 1.3267, -5.5330



114.2630, 24.0273, -100.2087



25.2360, 5.3067, -22.1320

Inverse Universe

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



135.7780, 30.6754, 54.5687



159.3190, 47.1707, 83.9122



154.8050, -30.9629, 37.8820



93.7170, 2.6045, 4.6332



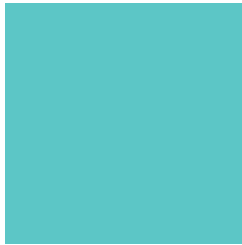
67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 166.3060, 15.6251, -65.1664 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 166.3060, 15.6251, -65.1664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

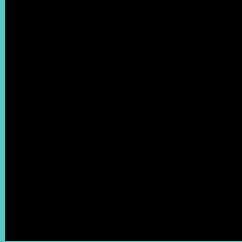
Any Text WCAG AA ✓ Pass

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 166.3060, 15.6251, -65.1664 Background



This preview shows how black text looks on a background with the YUV color 166.3060, 15.6251, -65.1664.



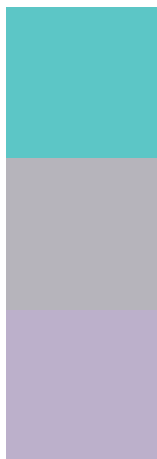
This preview shows how white text looks on a background with the YUV color 166.3060, 15.6251, -65.1664.

-65.1664.

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

166.3060, 15.6251, -65.1664

Protanopia

181.3960, 2.7628, 0.5297

Deuteranopia

182.6660, 10.0247, 4.6779



Tritanopia

168.2230, 21.5821, -62.4626

Trichromacy



Original Color

166.3060, 15.6251, -65.1664

Protanomaly

176.0940, 7.3487, -23.7614

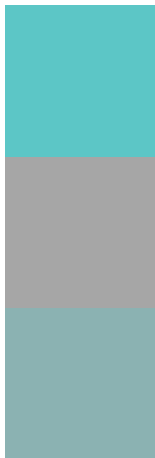
Deuteranomaly

176.6690, 11.9952, -20.7577

Tritanomaly

167.6420, 19.4035, -63.7070

Monochromacy



Original Color

166.3060, 15.6251, -65.1664

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.3390, 5.7489, -23.9763

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3060, 15.6251, -65.1664 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(92, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(92, 198, 198)  
}
```

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(92, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 198, 198) }
```

Border

The CSS property to change the border of an element to YUV 166.3060, 15.6251, -65.1664 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(92, 198, 198) }
```


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

```
.border{ border-color:rgb(92, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(92, 198,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 166.3060, 15.6251, -65.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 198, 198) }
```

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

```
.background{ background-color: rgb(92, 198,  
198) }
```

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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