

Converting Colors

YUV(171.6360, 1.6585,
-65.4558)

Have a look what the booklet for
YUV(171.6360, 1.6585, -65.4558)
contains.

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Color

**YUV(171.6360, 1.6585,
-65.4558)**

Conversions

Conversions Part 1

Format	Color
Hex	61D1AF
RGB	97, 209, 175
RGB Percent	38%, 82%, 69%
CMY	0.6196, 0.1804, 0.3137
CMYK	0.54, 0.00, 0.16, 0.18
HSL	162°, 55%, 60%
HSV	162°, 54%, 82%
XYZ	35.4681, 51.2375, 48.5779
YIQ	171.6360, -55.8380, -34.3180

Conversions

Conversions Part 2

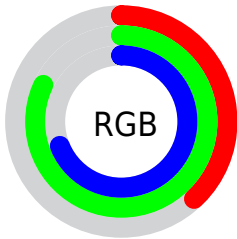
Format	Color
RYB	97, 163, 209
Decimal	6410671
CIELab	76.82, -40.12, 7.22
CIElCh	77, 40.768, 169.805
Yxy	51.2375, 0.2622, 0.3787
Android (android.graphics.Color)	4284600751 (0xFF61D1AF)
YUV	171.6360, 1.6585, -65.4558
Hunter-Lab	71.5803, -36.8188, 9.8692

Details

The YUV color **171.6360, 1.6585, -65.4558** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **134.3640, -1.6585, 65.4558**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.3640, 4.2575, -59.0782**, and **113.3900, 4.7377, -73.1330** is the 20% darker color. If you saturate the color by 10%, you get **164.6730, 2.1332, -77.7662**, and if you desaturate by 10%, it is **178.5990, 1.1837, -53.1453**.

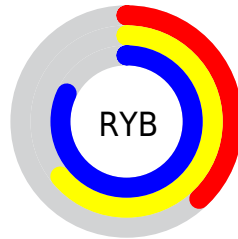
Distribution



Red (38%)

Green (82%)

Blue (69%)



Red (38%)

Yellow (64%)

Blue (82%)

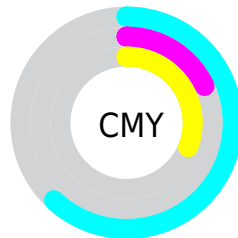


Cyan (54%)

Magenta (0%)

Yellow (16%)

Black (18%)



Cyan (62%)

Magenta (18%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6360, 1.6585, -65.4558 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 171.6360, 1.6585, -65.4558 by changing the saturation by 10% instead.

■ 171.6360, 1.6585,
-65.4558

■ 171.6360, 1.6585,
-65.4558

255.0000, 0.0000,
0.0000

■ 143.1520, 2.3901,
-66.7853

■ 222.3640, 4.2575,
-59.0782

■ 113.3900, 4.7377,
-73.1330

■ 233.7710, 10.4659,
-43.6492

■ 85.7210, 6.0535,
-75.1773

■ 242.7410, 6.0437,
-25.2059

■ 68.3100, 2.8052,
-59.9079

■ 251.7110, 1.6215,
-6.7625

■ 51.0130, -0.0064,
-44.7384

■ 34.5310, -2.2338,
-30.2837

■ 19.4680, -6.6397,

-17.0734

■ 0.0000, 0.0000,
0.0000

■ 171.6360, 1.6585,
-65.4558

■ 171.6360, 1.6585,
-65.4558

■ 164.6730, 2.1332,
-77.7662

■ 178.5990, 1.1837,
-53.1453

■ 157.5960, 2.1712,
-89.9767

■ 185.6760, 1.1457,
-40.9349

■ 150.6330, 2.6459,
-102.2871

■ 192.6390, 0.6710,
-28.6244

■ 143.6700, 3.1207,
-114.5976

■ 199.6020, 0.1962,
-16.3140

■ 139.3270, 3.2898,
-122.1898

■ 206.6790, 0.1583,
-4.1035

■ 213.3430, -0.1691,
7.5922

■ 220.3060, -0.6439,
19.9026

■ 224.6920, 0.6448,
26.5801

■ 225.3760, 3.2656,
25.9802

Harmonies

Analogous

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



179.3620, -19.4055, -29.2585



171.6360, 1.6585, -65.4558



159.9250, 26.6590, -104.2972

Triad

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



171.6360, 1.6585, -65.4558



189.9900, 32.0499, -13.1462



190.3000, -28.2489, 54.1109

Complementary

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



171.6360, 1.6585, -65.4558



134.3640, -1.6585, 65.4558

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.



189.6760, -11.6723, 57.2891



171.6360, 1.6585, -65.4558



194.8980, 21.7423, 26.3995

Square

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



171.6360, 1.6585, -65.4558



178.1970, 37.8639, -58.0548



194.5950, 4.6367, 52.9752



188.1050, -36.0408, 33.2339

Rectangle

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



171.6360, 1.6585, -65.4558



156.8880, 39.4952, -114.7888



194.5950, 4.6367, 52.9752



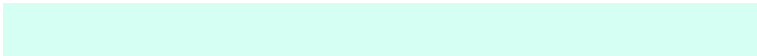
189.9890, -23.1656, 57.0146

Sweetspot

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



171.6360, 1.6585, -65.4558



241.3730, 0.8021, -24.0061



173.2090, -37.5710, -36.1403



119.6130, 0.1908, -14.5696



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.



171.6360, 1.6585, -65.4558



200.5630, 2.1874, -95.2098



163.1850, 22.5868, -58.0442



101.2550, -0.1257, -6.3626



111.9540, 2.4877, -98.1837



27.2590, 0.3653, -23.9061

Inverse Universe

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



134.3640, -1.6585, 65.4558



146.3230, -2.6242, 95.3097



142.8150, -22.5868, 58.0442



97.6310, -0.3111, 6.4626



56.0460, -2.4877, 98.1837



13.6270, -0.8021, 24.0061

Previews

White Background



This preview shows how the YUV color 171.6360, 1.6585, -65.4558 looks on a white background.

Color Contrast Check

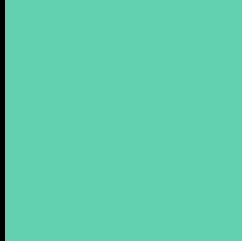
Large Text (above 18pt) WCAG AA × Fail

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 171.6360, 1.6585, -65.4558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

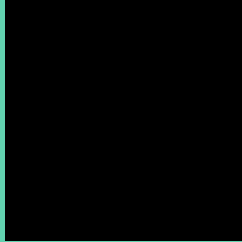
Any Text WCAG AA ✓ Pass

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 171.6360, 1.6585, -65.4558 Background



This preview shows how black text looks on a background with the YUV color 171.6360, 1.6585, -65.4558.



This preview shows how white text looks on a background with the YUV color 171.6360, 1.6585, -65.4558.

-65.4558.

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

171.6360, 1.6585, -65.4558

Protanopia

187.9550, -11.8098, 7.9325

Deuteranopia

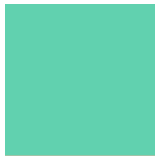
189.9590, -4.4168, 16.6990



Tritanopia

177.3160, 20.5502, -58.1591

Trichromacy



Original Color

171.6360, 1.6585, -65.4558



Protanomaly

182.3430, -7.0711, -18.7178



Deuteranomaly

183.3420, -2.1406, -13.4549



Tritanomaly

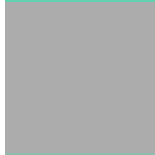
175.1710, 13.7197, -60.6630

Monochromacy



Original Color

171.6360, 1.6585, -65.4558



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.6720, 0.6547, -23.3913

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6360, 1.6585, -65.4558 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(97, 209, 175)` looks like.

```
.text, #text, p{  
    color:rgb(97, 209, 175)  
}
```

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(97, 209, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 209, 175) }
```

Border

The CSS property to change the border of an element to YUV 171.6360, 1.6585, -65.4558 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(97, 209, 175) }
```


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

```
.border{ border-color:rgb(97, 209, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 209, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 209, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 209, 175);  
box-shadow:4px 4px 4px 4px rgb(97, 209,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 171.6360, 1.6585, -65.4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 209, 175) }
```

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

```
.background{ background-color: rgb(97, 209,  
175) }
```

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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