

Converting Colors

YUV(171.7920, 8.4835,
-61.2076)

Have a look what the booklet for
YUV(171.7920, 8.4835, -61.2076)
contains.

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Color

**YUV(171.7920, 8.4835,
-61.2076)**

Conversions

Conversions Part 1

Format	Color
Hex	66CCBD
RGB	102, 204, 189
RGB Percent	40%, 80%, 74%
CMY	0.6000, 0.2000, 0.2588
CMYK	0.50, 0.00, 0.07, 0.20
HSL	171°, 50%, 60%
HSV	171°, 50%, 80%
XYZ	36.2577, 49.6846, 55.8232
YIQ	171.7920, -55.9770, -26.2890

Conversions

Conversions Part 2

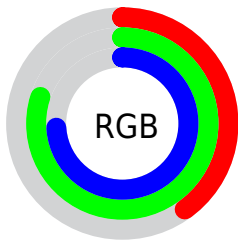
Format	Color
RYB	102, 157, 204
Decimal	6737085
CIELab	75.88, -33.39, -1.67
CIELCh	76, 33.431, 182.857
Yxy	49.6846, 0.2558, 0.3505
Android (android.graphics.Color)	4284927165 (0xFF66CCBD)
YUV	171.7920, 8.4835, -61.2076
Hunter-Lab	70.4873, -31.5350, 2.3858

Details

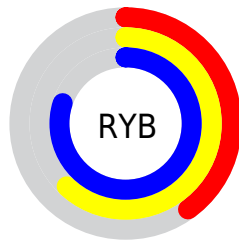
The YUV color **171.7920, 8.4835, -61.2076** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **134.2080, -8.4835, 61.2076**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.4550, 9.6357, -57.4040**, and **114.6280, 10.5364, -66.3258** is the 20% darker color. If you saturate the color by 10%, you get **165.4700, 10.1213, -73.2032**, and if you desaturate by 10%, it is **178.1140, 6.8458, -49.2120**.

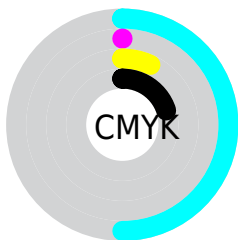
Distribution



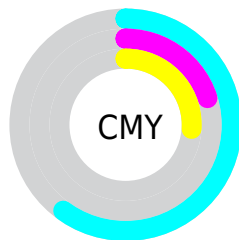
- Red (40%)
- Green (80%)
- Blue (74%)



- Red (40%)
- Yellow (62%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.7920, 8.4835, -61.2076 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 171.7920, 8.4835, -61.2076 by changing the saturation by 10% instead.

■ 171.7920, 8.4835,
-61.2076

■ 171.7920, 8.4835,
-61.2076

255.0000, 0.0000,
0.0000

■ 143.3080, 9.2152,
-62.5371

■ 225.4550, 9.6357,
-57.4040

■ 114.6280, 10.5364,
-66.3258

■ 235.2660, 9.7289,
-40.5753

■ 84.7410, 12.4527,
-74.3179

■ 243.9370, 5.4541,
-22.7467

■ 67.3300, 9.2043,
-59.0484

■ 252.9070, 1.0318,
-4.3034

■ 50.0330, 6.3927,
-43.8789

■ 34.0240, 3.4392,
-29.8390

■ 19.4170, 0.7804,

-17.0287

■ 0.0000, 0.0000,
0.0000

■ 171.7920, 8.4835,
-61.2076

■ 171.7920, 8.4835,
-61.2076

■ 165.4700, 10.1213,
-73.2032

■ 178.1140, 6.8458,
-49.2120

■ 158.8490, 11.9064,
-85.8136

■ 184.7350, 5.0606,
-36.6016

■ 152.5270, 13.5442,
-97.8092

■ 191.0570, 3.4229,
-24.6060

■ 145.9060, 15.3293,
-110.4196

■ 197.6780, 1.6377,
-11.9956

■ 139.5840, 16.9671,
-122.4152

■ 204.0000, 0.0000,
0.0000

■ 210.3220, -1.6377,
11.9956

■ 216.9430, -3.4229,
24.6060

■ 220.2750, -3.5866,
30.4538

■ 220.6170, -2.2762,
30.1539

Harmonies

Analogous

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



176.6630, -9.2009, -35.6615



171.7920, 8.4835, -61.2076



169.5420, 24.3828, -74.1433

Triad

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



171.7920, 8.4835, -61.2076



190.0370, 24.1388, 4.3526



187.8420, -27.0371, 38.7266

Complementary

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



171.7920, 8.4835, -61.2076



134.2080, -8.4835, 61.2076

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.



189.5520, -17.0341, 50.3819



171.7920, 8.4835, -61.2076



191.7110, 11.9745, 32.7025

Square

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



171.7920, 8.4835, -61.2076



184.0650, 31.5200, -29.8750



191.2110, -3.0620, 48.9270



185.0260, -29.5928, 18.3942

Rectangle

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



171.7920, 8.4835, -61.2076



172.5950, 30.7657, -68.0508



191.2110, -3.0620, 48.9270



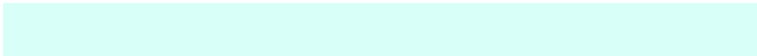
187.9720, -24.1432, 43.8746

Sweetspot

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



171.7920, 8.4835, -61.2076



242.9540, 2.9807, -22.7617



166.3590, -31.7290, -43.2878



120.6670, 1.6432, -13.7400



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.



171.7920, 8.4835, -61.2076



206.7450, 12.9437, -91.8614



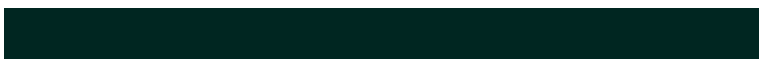
152.3700, 25.4536, -44.1745



98.8960, 1.0373, -6.0478



113.5160, 13.5496, -99.5535



26.0680, 3.4175, -22.8616

Inverse Universe

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



134.2080, -8.4835, 61.2076



150.3690, -12.5069, 91.7614



153.6300, -25.4536, 44.1745



95.1040, -1.0373, 6.0478



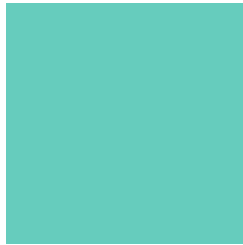
52.3700, -13.9864, 99.6535



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 171.7920, 8.4835, -61.2076 looks on a white background.

Color Contrast Check

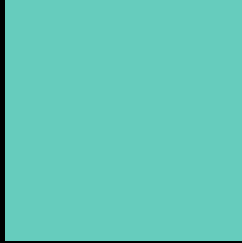
Large Text (above 18pt) WCAG AA × Fail

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 171.7920, 8.4835, -61.2076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

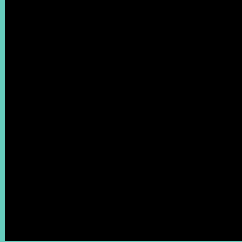
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

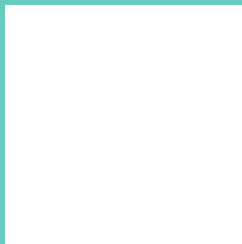
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 171.7920, 8.4835, -61.2076

Background



This preview shows how black text looks on a background with the YUV color 171.7920, 8.4835, -61.2076.



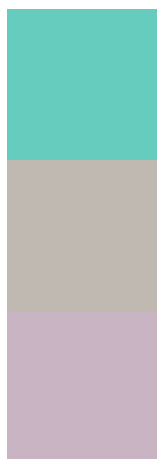
This preview shows how white text looks on a background with the YUV color 171.7920, 8.4835,

-61.2076.

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

171.7920, 8.4835, -61.2076

Protanopia

185.9960, -3.9420, 4.3885

Deuteranopia

187.5760, 3.1670, 10.8958



Tritanopia

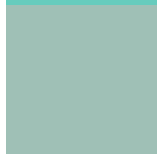
175.2130, 20.1080, -56.3148

Trichromacy



Original Color

171.7920, 8.4835, -61.2076



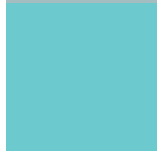
Protanomaly

180.9930, 0.4965, -19.2879



Deuteranomaly

181.8670, 4.9956, -15.6694



Tritanomaly

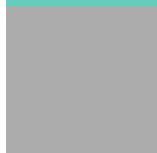
173.7630, 15.8928, -57.6742

Monochromacy



Original Color

171.7920, 8.4835, -61.2076



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

172.2530, 2.8333, -22.1469

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.7920, 8.4835, -61.2076 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(102, 204, 189)` looks like.

```
.text, #text, p{  
    color:rgb(102, 204, 189)  
}
```

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(102, 204, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 204, 189) }
```

Border

The CSS property to change the border of an element to YUV 171.7920, 8.4835, -61.2076 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(102, 204, 189) }
```


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

```
.border{ border-color:rgb(102, 204, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 204, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 204, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 204, 189);  
box-shadow:4px 4px 4px 4px rgb(102, 204,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 171.7920, 8.4835, -61.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 204, 189) }
```

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

```
.background{ background-color: rgb(102,  
204, 189) }
```

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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