

Converting Colors

YUV(171.8330, 16.3513,
-64.7515)

Have a look what the booklet for
YUV(171.8330, 16.3513, -64.7515)
contains.

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Color

**YUV(171.8330, 16.3513,
-64.7515)**

Conversions

Conversions Part 1

Format	Color
Hex	62CBCD
RGB	98, 203, 205
RGB Percent	38%, 80%, 80%
CMY	0.6157, 0.2039, 0.1961
CMYK	0.52, 0.01, 0.00, 0.20
HSL	181°, 52%, 59%
HSV	181°, 52%, 80%
XYZ	37.4124, 49.7163, 65.3820
YIQ	171.8330, -63.2220, -21.6380

Conversions

Conversions Part 2

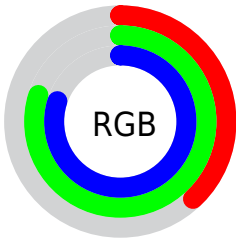
Format	Color
R _Y B	98, 151, 205
Decimal	6474701
CIE Lab	75.89, -29.66, -10.29
CIE LCh	76, 31.399, 199.134
Yxy	49.7163, 0.2453, 0.3260
Android (android.graphics.Color)	4284664781 (0xFF62CBCD)
YUV	171.8330, 16.3513, -64.7515
Hunter-Lab	70.5098, -28.6803, -5.6213

Details

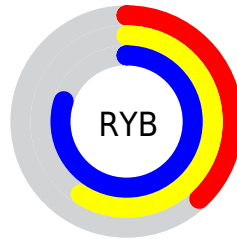
The YUV color **171.8330, 16.3513, -64.7515** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **131.1670, -16.3513, 64.7515**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6980, 14.4459, -60.2481**, and **112.7610, 18.8518, -73.4584** is the 20% darker color. If you saturate the color by 10%, you get **165.8530, 19.2995, -77.0471**, and if you desaturate by 10%, it is **178.1120, 13.2558, -51.8412**.

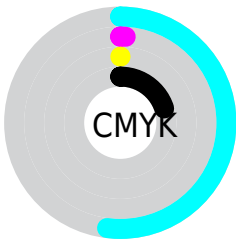
Distribution



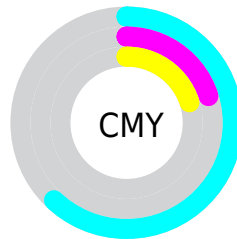
- Red (38%)
- Green (80%)
- Blue (80%)



- Red (38%)
- Yellow (59%)
- Blue (80%)



- Cyan (52%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (62%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8330, 16.3513, -64.7515 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 171.8330, 16.3513, -64.7515 by changing the saturation by 10% instead.

■ 171.8330, 16.3513,
-64.7515

■ 171.8330, 16.3513,
-64.7515

255.0000, 0.0000,
0.0000

■ 143.0500, 17.2303,
-66.6959

■ 225.6980, 14.4459,
-60.2481

■ 112.7610, 18.8518,
-73.4584

■ 234.3690, 10.1711,
-42.4196

■ 85.8640, 19.2940,
-75.3027

■ 243.3390, 5.7489,
-23.9763

■ 68.3390, 15.6089,
-59.9333

■ 252.3090, 1.3267,
-5.5330

■ 51.5150, 12.0711,
-45.1787

■ 35.5060, 9.1175,
-31.1388

■ 21.2580, 5.2958,

-18.6433

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 171.8330, 16.3513,
-64.7515

■ 171.8330, 16.3513,
-64.7515

■ 165.8530, 19.2995,
-77.0471

■ 178.1120, 13.2558,
-51.8412

■ 158.9870, 22.6844,
-89.4426

■ 184.6790, 10.0183,
-40.0605

■ 153.0070, 25.6325,
-101.7381

■ 190.9580, 6.9227,
-27.1502

■ 146.1410, 29.0175,
-114.1337

■ 197.5250, 3.6852,
-15.3694

■ 141.3570, 31.3760,
-123.9701

■ 203.8040, 0.5896,
-2.4591

■ 209.7840, -2.3585,
9.8364

■ 216.6500, -5.7435,
22.2319

■ 220.5370, -7.6597,
30.2241

Harmonies

Analogous

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



175.0020, -0.0010, -46.4828



171.8330, 16.3513, -64.7515



173.8190, 27.6972, -63.8623

Triad

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



171.8330, 16.3513, -64.7515



191.1870, 16.6698, 20.0070



186.5370, -27.8727, 26.7161

Complementary

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



171.8330, 16.3513, -64.7515



131.1670, -16.3513, 64.7515

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.



188.5420, -21.9592, 43.3747



171.8330, 16.3513, -64.7515



191.8770, 3.5116, 40.4499

Square

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



171.8330, 16.3513, -64.7515



187.9320, 26.6555, -9.5874



189.9630, -10.3348, 48.2674



183.3770, -25.3289, 4.0544

Rectangle

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



171.8330, 16.3513, -64.7515



178.5910, 30.2746, -50.5073



189.9630, -10.3348, 48.2674



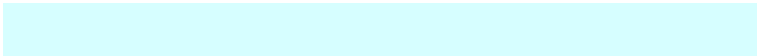
187.0370, -26.1472, 33.2936

Sweetspot

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



171.8330, 16.3513, -64.7515



242.1540, 6.3331, -24.6911



161.0370, -30.0912, -55.2834



119.9380, 3.9746, -14.8546



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.



171.8330, 16.3513, -64.7515



205.1000, 24.6007, -97.4347



140.7220, 31.6891, -37.4672



99.0100, 1.4741, -6.1478



114.6050, 25.3377, -100.5086



26.6380, 5.6015, -23.3615

Inverse Universe

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



141.9630, 30.0912, 55.2834



160.1510, 45.2816, 83.1826



162.2780, -31.6891, 37.4672



96.1300, 2.8939, 5.1480



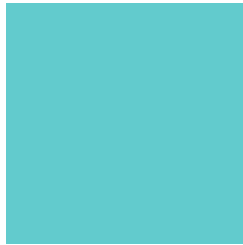
68.2160, 46.7285, 85.7566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 171.8330, 16.3513, -64.7515 looks on a white background.

Color Contrast Check

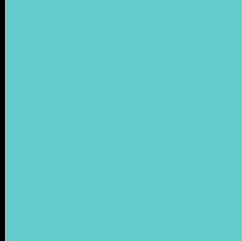
Large Text (above 18pt) WCAG AA × Fail

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 171.8330, 16.3513, -64.7515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

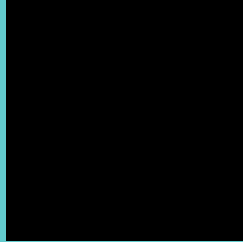
Any Text WCAG AA ✓ Pass

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 171.8330, 16.3513, -64.7515 Background



This preview shows how black text looks on a background with the YUV color 171.8330, 16.3513, -64.7515.



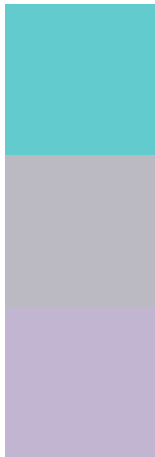
This preview shows how white text looks on a background with the YUV color 171.8330, 16.3513, -64.7515.

-64.7515.

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

171.8330, 16.3513, -64.7515

Protanopia

186.6240, 3.6364, 0.3298

Deuteranopia

187.8940, 10.8983, 4.4780



Tritanopia

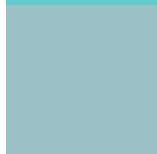
173.2230, 21.5821, -62.4626

Trichromacy



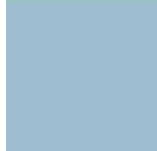
Original Color

171.8330, 16.3513, -64.7515



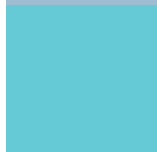
Protanomaly

181.6210, 8.0748, -23.3466



Deuteranomaly

181.8970, 12.8688, -20.9577



Tritanomaly

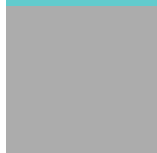
173.0550, 19.6929, -63.1922

Monochromacy



Original Color

171.8330, 16.3513, -64.7515



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.7520, 6.0383, -23.4615

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8330, 16.3513, -64.7515 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(98, 203, 205)` looks like.

```
.text, #text, p{  
    color:rgb(98, 203, 205)  
}
```

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(98, 203, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 203, 205) }
```

Border

The CSS property to change the border of an element to YUV 171.8330, 16.3513, -64.7515 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(98, 203, 205) }
```


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

```
.border{ border-color:rgb(98, 203, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 203, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 203, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 203, 205);  
box-shadow:4px 4px 4px 4px rgb(98, 203,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 171.8330, 16.3513, -64.7515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 203, 205) }
```

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

```
.background{ background-color: rgb(98, 203,  
205) }
```

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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