

Converting Colors

YUV(171.3520, -84.4765,
28.6323)

Have a look what the booklet for
YUV(171.3520, -84.4765, 28.6323)
contains.

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Color

**YUV(171.3520, -84.4765,
28.6323)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBC00
RGB	204, 188, 0
RGB Percent	80%, 74%, 0%
CMY	0.2000, 0.2627, 1.0000
CMYK	0.00, 0.08, 1.00, 0.20
HSL	55°, 100%, 40%
HSV	55°, 100%, 80%
XYZ	42.8851, 48.8038, 7.1598
YIQ	171.3520, 69.8840, -55.0760

Conversions

Conversions Part 2

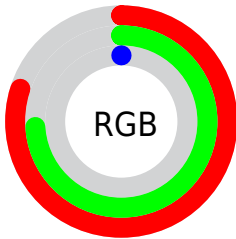
Format	Color
RYB	17, 204, 0
Decimal	13417472
CIELab	75.33, -10.17, 76.74
CIELCh	75, 77.409, 97.546
Yxy	48.8038, 0.4338, 0.4937
Android (android.graphics.Color)	4291607552 (0xFFCCBC00)
YUV	171.3520, -84.4765, 28.6323
Hunter-Lab	69.8597, -12.6780, 42.8253

Details

The YUV color **171.3520, -84.4765, 28.6323** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed orange. A complement of this color would be **32.6480, 84.4765, -28.6323**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.8210, -72.3828, 22.9590**, and **122.6000, -60.4418, 19.6448** is the 20% darker color. If you saturate the color by 10%, you get **171.3520, -84.4765, 28.6323**, and if you desaturate by 10%, it is **174.8060, -76.3194, 25.6031**.

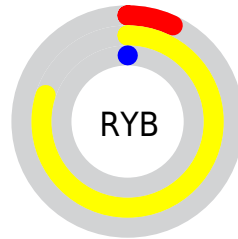
Distribution



Red (80%)

Green (74%)

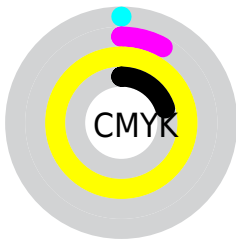
Blue (0%)



Red (7%)

Yellow (80%)

Blue (0%)

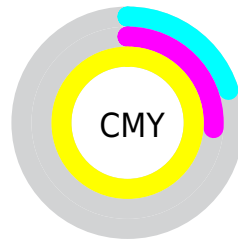


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.3520, -84.4765, 28.6323 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 171.3520, -84.4765, 28.6323 by changing the saturation by 10% instead.

■ 171.3520,
-84.4765, 28.6323

■ 171.3520,
-84.4765, 28.6323

■ 255.0000, 0.0000,
0.0000

■ 146.5330,
-72.2408, 24.0886

■ 228.8210,
-72.3828, 22.9590

■ 122.6000,
-60.4418, 19.6448

■ 238.5840,
-62.8989, 14.3968

■ 99.5530, -49.0796,
15.3010

■ 241.7760,
-50.6686, 11.5974

■ 76.7940, -37.8594,
9.8277

■ 245.0820,
-38.0014, 8.6981

■ 55.2200, -27.2235,
5.0691

■ 248.3880,
-25.3343, 5.7987

■ 34.8310, -17.1717,
1.0252

■ 251.6940,

■ 13.8110, -6.8088,

-12.6671, 2.8994

-9.4812

■ 0.0000, 0.0000,
0.0000

■ 171.3520,
-84.4765, 28.6323

■ 174.8060,
-76.3194, 25.6031

■ 177.7870,
-67.4360, 22.9888

■ 181.2410,
-59.2788, 19.9596

■ 184.2220,
-50.3954, 17.3453

■ 187.6760,
-42.2383, 14.3161

■ 191.1300,
-34.0811, 11.2870

■ 194.1110,
-25.1977, 8.6727

■ 197.5650,
-17.0405, 5.6435

■ 200.5460, -8.1572,
3.0292

Harmonies

Analogous

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



176.2410, -65.6878, 69.0716



171.3520, -84.4765, 28.6323



166.0340, -52.2748, -33.3558

Triad

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



171.3520, -84.4765, 28.6323



156.4490, 48.5856, -137.2058



178.3820, 31.3637, 67.1940

Complementary

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



171.3520, -84.4765, 28.6323



32.6480, 84.4765, -28.6323

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.



184.9050, 34.5568, 22.8853



171.3520, -84.4765, 28.6323



151.1660, 51.1902, -132.5726

Square

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



171.3520, -84.4765, 28.6323



151.5810, 24.8566, -132.9365



140.0240, 56.6832, -121.0470



161.9560, 3.9657, 81.5996

Rectangle

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



171.3520, -84.4765, 28.6323



147.0530, -21.2251, -99.1475



140.0240, 56.6832, -121.0470



185.1470, 34.4375, 61.2611

Sweetspot

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



171.3520, -84.4765, 28.6323



242.8140, -31.4603, 10.6871



62.9340, -22.6455, 123.7149



120.4080, -18.9351, 6.6582



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.



171.3520, -84.4765, 28.6323



214.1900, -105.5957, 35.7904



155.3290, -76.5772, -31.8605



100.2730, -4.0786, 1.5146



139.4450, -68.7464, 23.2887



31.9070, -15.7302, 5.3436

Inverse Universe

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



32.6480, 84.4765, -28.6323



40.8100, 105.5957, -35.7904



48.6710, 76.5772, 31.8605



93.7270, 4.0786, -1.5146



26.5550, 68.7464, -23.2887



6.0930, 15.7302, -5.3436

Previews

White Background



This preview shows how the YUV color 171.3520, -84.4765, 28.6323 looks on a white background.

Color Contrast Check

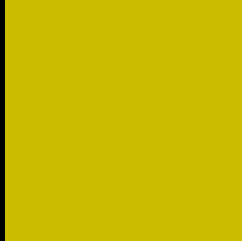
Large Text (above 18pt) WCAG AA × Fail

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 171.3520, -84.4765, 28.6323 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 171.3520, -84.4765, 28.6323

Background



This preview shows how black text looks on a background with the YUV color 171.3520, -84.4765, 28.6323.

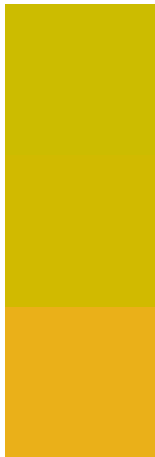


This preview shows how white text looks on a background with the YUV color 171.3520, -84.4765, 28.6323.

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

171.3520, -84.4765, 28.6323

Protanopia

171.6730, -84.6348, 32.7358

Deuteranopia

176.1280, -74.5061, 50.7537



Tritanopia

188.4420, -0.2179, 23.2914

Trichromacy



Original Color

171.3520, -84.4765, 28.6323

Protanomaly

171.6620, -84.6294, 30.9914

Deuteranomaly

174.1610, -77.9734, 42.8318

Tritanomaly

182.4290, -30.7775, 25.0568

Monochromacy



Original Color

171.3520, -84.4765, 28.6323

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0420, -30.5867, 10.4872

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.3520, -84.4765, 28.6323 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(204, 188, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 188, 0)  
}
```

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(204, 188, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 188, 0) }
```

Border

The CSS property to change the border of an element to YUV 171.3520, -84.4765, 28.6323 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(204, 188, 0) }
```


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

```
.border{ border-color:rgb(204, 188, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 188, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 188, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 188, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 188,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 171.3520, -84.4765, 28.6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 188, 0) }
```

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

```
.background{ background-color: rgb(204,  
188, 0) }
```

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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