

Converting Colors

YUV(176.3520, -30.7395,
12.8463)

Have a look what the booklet for
YUV(176.3520, -30.7395, 12.8463)
contains.

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Color

**YUV(176.3520, -30.7395,
12.8463)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB572
RGB	191, 181, 114
RGB Percent	75%, 71%, 45%
CMY	0.2510, 0.2902, 0.5529
CMYK	0.00, 0.05, 0.40, 0.25
HSL	52°, 38%, 60%
HSV	52°, 40%, 75%
XYZ	41.0470, 45.3390, 22.5075
YIQ	176.3520, 27.4670, -18.7170

Conversions

Conversions Part 2

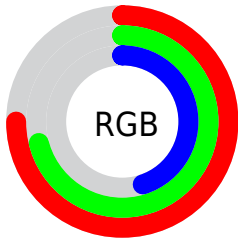
Format	Color
RYB	125, 191, 114
Decimal	12563826
CIELab	73.11, -6.18, 35.39
CIELCh	73, 35.926, 99.904
Yxy	45.3390, 0.3769, 0.4164
Android (android.graphics.Color)	4290753906 (0xFFBFB572)
YUV	176.3520, -30.7395, 12.8463
Hunter-Lab	67.3343, -9.0213, 27.3154

Details

The YUV color **176.3520, -30.7395, 12.8463** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **128.6480, 30.7395, -12.8463**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.3090, -32.1973, 13.7610**, and **123.0960, -29.1343, 11.3168** is the 20% darker color. If you saturate the color by 10%, you get **173.0120, -38.4599, 15.7755**, and if you desaturate by 10%, it is **179.6920, -23.0192, 9.9171**.

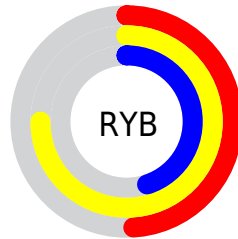
Distribution



Red (75%)

Green (71%)

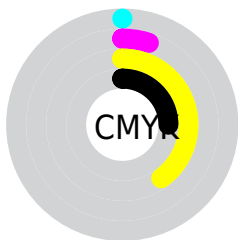
Blue (45%)



Red (49%)

Yellow (75%)

Blue (45%)

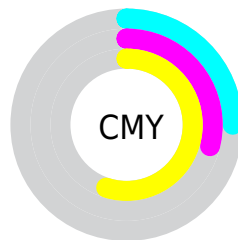


Cyan (0%)

Magenta (5%)

Yellow (40%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.3520, -30.7395, 12.8463 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 176.3520, -30.7395, 12.8463 by changing the saturation by 10% instead.

■ 176.3520,
-30.7395, 12.8463

■ 176.3520,
-30.7395, 12.8463

255.0000, 0.0000,
0.0000

■ 149.2810,
-29.7185, 12.0316

■ 232.3090,
-32.1973, 13.7610

■ 123.0960,
-29.1343, 11.3168

■ 248.0460,
-26.6447, 6.0987

■ 98.0250, -28.1133,
10.5021

■ 251.2380,
-14.4143, 3.2993

■ 73.4270, -27.8185,
9.2725

■ 254.5440, -1.7472,
0.3999

■ 51.3990, -25.3397,
7.5431

■ 31.3090, -15.4353,
4.1140

■ 9.1040, -4.4883,

-7.1072

■ 0.0000, 0.0000,
0.0000

■ 176.3520,
-30.7395, 12.8463

■ 176.3520,
-30.7395, 12.8463

■ 173.0120,
-38.4599, 15.7755

■ 179.6920,
-23.0192, 9.9171

■ 169.0850,
-45.8909, 19.2195

■ 183.6190,
-15.5882, 6.4731

■ 165.7450,
-53.6113, 22.1486

■ 186.9590, -7.8678,
3.5440

■ 161.8180,
-61.0423, 25.5926

■ 190.8860, -0.4368,
0.1000

■ 158.4780,
-68.7627, 28.5218

■ 194.3400, 7.7204,
-2.9292

■ 154.5510,
-76.1936, 31.9658

■ 198.2670, 15.1514,
-6.3732

■ 201.6070, 22.8717,
-9.3023

■ 204.1660, 25.0612,
-11.5466

■ 205.3400, 24.4824,
-12.5762

Harmonies

Analogous

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



179.3210, -30.2313, 36.5525



176.3520, -30.7395, 12.8463



172.4670, -21.9222, -15.3186

Triad

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



176.3520, -30.7395, 12.8463



157.5990, 31.2567, -85.5943



184.0710, 9.3320, 40.2797

Complementary

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



176.3520, -30.7395, 12.8463



128.6480, 30.7395, -12.8463

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.



183.4510, 22.9487, 12.7595



176.3520, -30.7395, 12.8463



167.7190, 36.1275, -61.1436

Square

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



176.3520, -30.7395, 12.8463



159.7240, 14.9261, -74.3029



178.0380, 32.5193, -23.7123



182.7340, -6.2779, 53.7303

Rectangle

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



176.3520, -30.7395, 12.8463



168.9790, -11.8216, -35.0616



178.0380, 32.5193, -23.7123



184.2810, 14.1585, 32.2026

Sweetspot

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



176.3520, -30.7395, 12.8463



241.3460, -11.5096, 4.9586



138.1630, -6.9824, 46.3380



121.7740, -7.2836, 2.8292



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



176.3520, -30.7395, 12.8463



224.7430, -47.2013, 19.5194



173.8500, -29.5060, -9.5154



92.3870, -3.6418, 1.4146



128.2480, -63.2263, 26.0925



25.1180, -12.3832, 5.1585

Inverse Universe

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



128.6480, 30.7395, -12.8463



151.2570, 47.2013, -19.5194



131.1500, 29.5061, 9.5155



86.6130, 3.6418, -1.4146



30.3390, 62.9369, -26.6073



5.8820, 12.3832, -5.1585

Previews

White Background



This preview shows how the YUV color 176.3520, -30.7395, 12.8463 looks on a white background.

Color Contrast Check

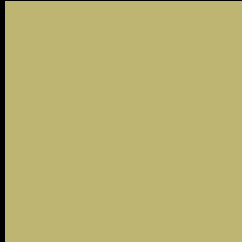
Large Text (above 18pt) WCAG AA × Fail

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 176.3520, -30.7395, 12.8463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

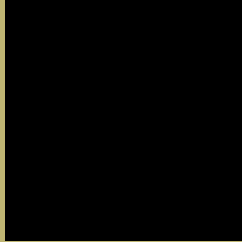
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.3520, -30.7395, 12.8463

Background



This preview shows how black text looks on a background with the YUV color 176.3520, -30.7395, 12.8463.



This preview shows how white text looks on a background with the YUV color 176.3520, -30.7395, 12.8463.

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

176.3520, -30.7395, 12.8463

Protanopia

176.5590, -31.3346, 17.0498

Deuteranopia

178.7720, -30.9466, 32.6490



Tritanopia

181.6690, 2.1352, 15.1993

Trichromacy



Original Color

176.3520, -30.7395, 12.8463

Protanomaly

176.5480, -31.3292, 15.3054

Deuteranomaly

177.7280, -30.9249, 25.6715

Tritanomaly

179.5690, -9.6475, 14.4100

Monochromacy



Original Color

176.3520, -30.7395, 12.8463

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.0470, -11.3622, 4.3438

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.3520, -30.7395, 12.8463 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(191, 181, 114)` looks like.

```
.text, #text, p{  
    color:rgb(191, 181, 114)  
}
```

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(191, 181, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 181, 114) }
```

Border

The CSS property to change the border of an element to YUV 176.3520, -30.7395, 12.8463 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

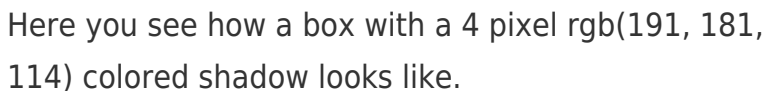
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 181, 114) }
```


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

```
.border{ border-color:rgb(191, 181, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 181, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 181, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 181, 114);  
box-shadow:4px 4px 4px 4px rgb(191, 181,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 176.3520, -30.7395, 12.8463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 181, 114) }
```

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

```
.background{ background-color: rgb(191,  
181, 114) }
```

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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