

Converting Colors

YUV(175.7070, -35.8446,
16.9200)

Have a look what the booklet for
YUV(175.7070, -35.8446, 16.9200)
contains.

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Color

**YUV(175.7070, -35.8446,
16.9200)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C3B467 |
| RGB | 195, 180, 103 |
| RGB Percent | 76%, 71%, 40% |
| CMY | 0.2353, 0.2941, 0.5961 |
| CMYK | 0.00, 0.08, 0.47, 0.24 |
| HSL | 50°, 43%, 58% |
| HSV | 50°, 47%, 76% |
| XYZ | 41.2751, 45.2239, 19.3856 |
| YIQ | 175.7070, 33.6570, -20.7670 |

Conversions

Conversions Part 2

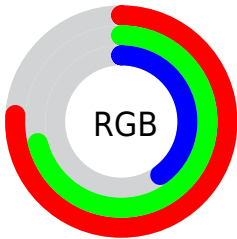
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 121, 195, 103 |
| Decimal | 12825703 |
| CIELab | 73.04, -5.15, 41.00 |
| CIELCh | 73, 41.325, 97.166 |
| Yxy | 45.2239, 0.3898, 0.4271 |
| Android (android.graphics.Color) | 4291015783 (0xFFC3B467) |
| YUV | 175.7070, -35.8446, 16.9200 |
| Hunter-Lab | 67.2487, -8.1276, 29.9827 |

Details

The YUV color $175.7070, -35.8446, 16.9200$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $122.2930, 35.8446, -16.9200$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $231.8490, -37.8866, 18.5494$, and $122.1520, -34.0919, 14.7757$ is the 20% darker color. If you saturate the color by 10%, you get $171.7800, -43.2755, 20.3639$, and if you desaturate by 10%, it is $179.6340, -28.4136, 13.4760$.

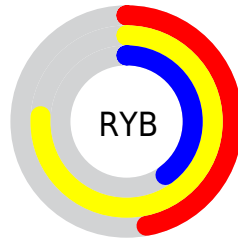
Distribution



Red (76%)

Green (71%)

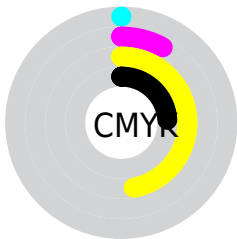
Blue (40%)



Red (47%)

Yellow (76%)

Blue (40%)

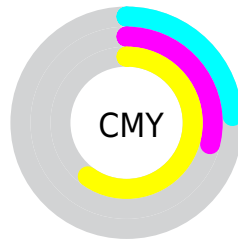


Cyan (0%)

Magenta (8%)

Yellow (47%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.7070, -35.8446, 16.9200 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 175.7070, -35.8446, 16.9200 by changing the saturation by 10% instead.

■ 175.7070,
-35.8446, 16.9200

■ 175.7070,
-35.8446, 16.9200

255.0000, 0.0000,
0.0000

■ 148.6360,
-34.8235, 16.1052

■ 231.8490,
-37.8866, 18.5494

■ 122.1520,
-34.0919, 14.7757

■ 246.7920,
-31.4495, 7.1984

■ 97.5540, -33.7971,
13.5461

■ 249.9840,
-19.2191, 4.3990

■ 72.5000, -35.2495,
12.7165

■ 253.1760, -6.9888,
1.5996

■ 51.4100, -25.3451,
9.2874

■ 31.6080, -15.5827,
4.7288

■ 9.4140, -4.6411,

-4.7481

■ 0.0000, 0.0000,
0.0000

■ 175.7070,
-35.8446, 16.9200

■ 175.7070,
-35.8446, 16.9200

■ 171.7800,
-43.2755, 20.3639

■ 179.6340,
-28.4136, 13.4760

■ 167.7390,
-51.1433, 23.9079

■ 183.6750,
-20.5458, 9.9320

■ 163.1110,
-58.7217, 27.9667

■ 188.3030,
-12.9674, 5.8733

■ 159.1840,
-66.1527, 31.4106

■ 192.2300, -5.5364,
2.4293

■ 155.2570,
-73.5837, 34.8546

■ 196.2710, 2.3314,
-1.1147

■ 153.9860,
-75.9151, 35.9693

■ 200.1980, 9.7624,
-4.5586

■ 204.2390, 17.6302,
-8.1026

■ 207.7100, 23.3140,
-11.1467

■ 210.0580, 22.1564,
-13.2059

Harmonies

Analogous

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



178.7410, -33.8893, 43.2001



175.7070, -35.8446, 16.9200



171.0280, -26.1428, -14.9336

Triad

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



175.7070, -35.8446, 16.9200



141.7620, 40.5433, -124.3253



184.1900, 12.2313, 43.6834

Complementary

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



175.7070, -35.8446, 16.9200



122.2930, 35.8446, -16.9200

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.



183.1070, 28.0482, 10.4302



175.7070, -35.8446, 16.9200



159.8240, 43.4708, -83.1606

Square

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



175.7070, -35.8446, 16.9200



151.5860, 17.4591, -93.4759



175.8780, 38.5141, -33.2190



182.4190, -5.1366, 61.0225

Rectangle

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



175.7070, -35.8446, 16.9200



167.1590, -14.8684, -37.8504



175.8780, 38.5141, -33.2190



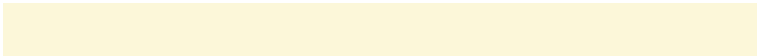
184.0300, 18.2262, 34.1767

Sweetspot

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



175.7070, -35.8446, 16.9200



245.0750, -13.8410, 6.0732



132.2180, -7.0095, 55.0598



123.1440, -8.4520, 4.2587



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.



175.7070, -35.8446, 16.9200



222.1970, -55.8061, 26.1372



175.2430, -35.6158, -9.8601



94.6860, -3.7892, 2.0294



126.7970, -62.5109, 29.9960



26.3030, -12.9674, 5.8733

Inverse Universe

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



122.2930, 35.8446, -16.9200



138.8030, 55.8061, -26.1372



122.7570, 35.6158, 9.8601



89.3140, 3.7892, -2.0294



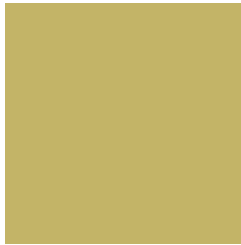
33.6160, 62.8003, -29.4812



6.6970, 12.9674, -5.8733

Previews

White Background



This preview shows how the YUV color 175.7070, -35.8446, 16.9200 looks on a white background.

Color Contrast Check

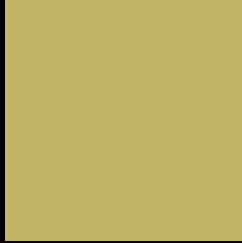
Large Text (above 18pt) WCAG AA × Fail

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 175.7070, -35.8446, 16.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

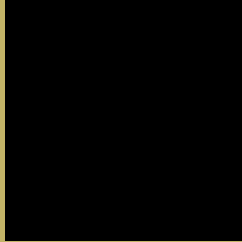
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.7070, -35.8446, 16.9200

Background



This preview shows how black text looks on a background with the YUV color 175.7070, -35.8446, 16.9200.



This preview shows how white text looks on a background with the YUV color 175.7070, -35.8446, 16.9200.

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

175.7070, -35.8446, 16.9200

Protanopia

175.7180, -35.8500, 18.6643

Deuteranopia

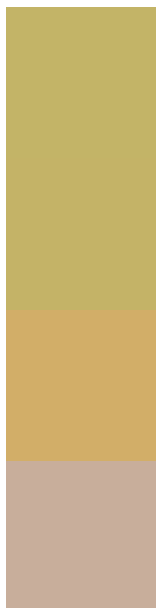
177.5290, -35.7568, 35.4931



Tritanopia

182.0500, 0.9614, 18.3732

Trichromacy



Original Color

175.7070, -35.8446, 16.9200

Protanomaly

175.4190, -35.7026, 18.0495

Deuteranomaly

176.7840, -35.8825, 29.1304

Tritanomaly

179.6080, -12.1317, 17.8838

Monochromacy



Original Color

175.7070, -35.8446, 16.9200

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.6020, -13.1148, 6.4880

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.7070, -35.8446, 16.9200 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(195, 180, 103)` looks like.

```
.text, #text, p{  
    color:rgb(195, 180, 103)  
}
```

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(195, 180, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 180, 103) }
```

Border

The CSS property to change the border of an element to YUV 175.7070, -35.8446, 16.9200 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(195, 180, 103) }
```


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

```
.border{ border-color:rgb(195, 180, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 180, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 180, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 180, 103);  
box-shadow:4px 4px 4px 4px rgb(195, 180,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 175.7070, -35.8446, 16.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 180, 103) }
```

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

```
.background{ background-color: rgb(195,  
180, 103) }
```

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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