

Converting Colors

YUV(76.8200, -17.1663, -0.7191)

Have a look what the booklet for
YUV(76.8200, -17.1663, -0.7191)
contains.

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Color

**YUV(76.8200, -17.1663,
-0.7191)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 4C542A |
| RGB | 76, 84, 42 |
| RGB Percent | 30%, 33%, 16% |
| CMY | 0.7020, 0.6706, 0.8353 |
| CMYK | 0.10, 0.00, 0.50, 0.67 |
| HSL | 71°, 33%, 25% |
| HSV | 71°, 50%, 33% |
| XYZ | 6.5687, 8.0443, 3.3970 |
| YIQ | 76.8200, 8.7140, -14.7580 |

Conversions

Conversions Part 2

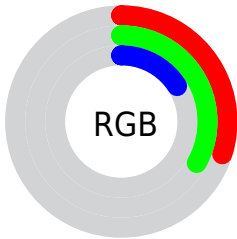
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 42, 84, 50 |
| Decimal | 5002282 |
| CIE Lab | 34.08, -10.65, 23.37 |
| CIE LCh | 34, 25.688, 114.501 |
| Yxy | 8.0443, 0.3647, 0.4467 |
| Android (android.graphics.Color) | 4283192362 (0xFF4C542A) |
| YUV | 76.8200, -17.1663, -0.7191 |
| Hunter-Lab | 28.3625, -8.2939, 12.7526 |

Details

The YUV color **76.8200, -17.1663, -0.7191** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **49.1800, 17.1663, 0.7191**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.7770, -18.6241, 0.1956**, and **32.4610, -16.0033, -0.4043** is the 20% darker color. If you saturate the color by 10%, you get **75.3100, -20.3658, -1.1489**, and if you desaturate by 10%, it is **78.3300, -13.9667, -0.2894**.

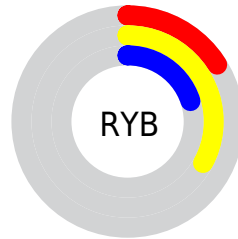
Distribution



Red (30%)

Green (33%)

Blue (16%)



Red (16%)

Yellow (33%)

Blue (20%)

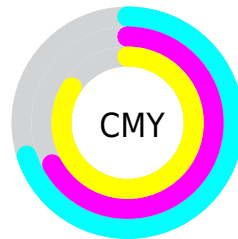


Cyan (10%)

Magenta (0%)

Yellow (50%)

Black (67%)



Cyan (70%)

Magenta (67%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.8200, -17.1663, -0.7191 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 76.8200, -17.1663, -0.7191 by changing the saturation by 10% instead.

■ 76.8200, -17.1663,
-0.7191

■ 76.8200, -17.1663,
-0.7191

■ 255.0000, 0.0000,
0.0000

■ 53.9340, -16.7295,
-0.8191

■ 125.7770,
-18.6241, 0.1956

■ 32.4610, -16.0033,
-0.4043

■ 152.2500,
-19.3502, -0.2193

■ 11.7400, -5.7878,
-10.2960

■ 179.1360,
-19.7870, -0.1193

■ 0.0000, 0.0000,
0.0000

■ 206.3210,
-20.3713, 0.5955

■ 234.9080,
-20.6606, 0.0807

■ 251.1240,

-14.8511, 3.3993

254.3160, -2.6208,
0.5999

76.8200, -17.1663,
-0.7191

76.8200, -17.1663,
-0.7191

75.3100, -20.3658,
-1.1489

78.3300, -13.9667,
-0.2894

73.9850, -24.1496,
-0.8638

79.6550, -10.1829,
-0.5744

72.4750, -27.3492,
-1.2936

81.1650, -6.9833,
-0.1447

71.1500, -31.1330,
-1.0086

82.4900, -3.1996,
-0.4297

69.6400, -34.3325,
-1.4383

84.0000, 0.0000,
0.0000

■ 85.5100, 3.1996,
0.4297

■ 86.8350, 6.9833,
0.1447

■ 88.3450, 10.1829,
0.5744

■ 89.6700, 13.9667,
0.2894

Harmonies

Analogous

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



78.9360, -19.6884, 14.9651



76.8200, -17.1663, -0.7191



73.5880, -8.6709, -18.9327

Triad

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



76.8200, -17.1663, -0.7191



64.5380, 23.8918, -56.5998



81.9420, 1.5076, 29.8689

Complementary

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



76.8200, -17.1663, -0.7191



49.1800, 17.1663, 0.7191

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.



82.8570, 10.4235, 16.7884



76.8200, -17.1663, -0.7191



74.0620, 22.6474, -30.7494

Square

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



76.8200, -17.1663, -0.7191



64.3610, 15.5980, -56.4446



80.6740, 17.9087, -4.0991



81.0320, -8.3968, 33.2979

Rectangle

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



76.8200, -17.1663, -0.7191



70.2640, -0.6232, -33.5575



80.6740, 17.9087, -4.0991



82.4300, 4.7180, 26.8099

Sweetspot

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



76.8200, -17.1663, -0.7191



107.1650, -6.9833, -0.1447



59.2540, -8.5062, 21.7022



54.2620, -4.0732, -0.2298



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



76.8200, -17.1663, -0.7191



98.5890, -26.9124, -1.3936



70.5410, -14.0707, -13.6295



40.2450, -1.5998, -0.2149



87.0500, -42.9156, -1.7978



192.3960, -94.8512, -3.8553

Inverse Universe

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



49.1800, 17.1663, 0.7191



55.1120, 27.0598, 0.7788



55.4590, 14.0707, 13.6295



37.4560, 1.7472, -0.3999



17.9500, 42.9156, 1.7979



39.6040, 94.8512, 3.8553

Previews

White Background



This preview shows how the YUV color 76.8200, -17.1663, -0.7191 looks on a white 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

Black Background



This preview shows how the YUV color 76.8200, -17.1663, -0.7191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

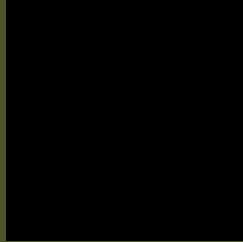
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

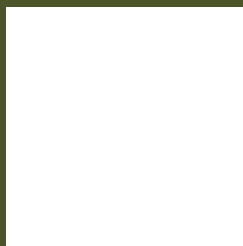
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 76.8200, -17.1663, -0.7191

Background



This preview shows how black text looks on a background with the YUV color 76.8200, -17.1663, -0.7191.



This preview shows how white text looks on a background with the YUV color 76.8200, -17.1663, -0.7191.

-0.7191.

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

76.8200, -17.1663, -0.7191

Protanopia

77.9460, -18.2144, 8.8174

Deuteranopia

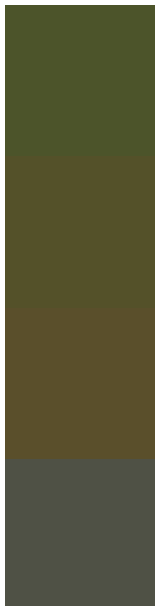
78.9300, -17.2205, 16.7244



Tritanopia

80.2820, 2.3260, 0.6297

Trichromacy



Original Color

76.8200, -17.1663, -0.7191

Protanomaly

77.3370, -17.9141, 5.8435

Deuteranomaly

78.1850, -17.3462, 10.3618

Tritanomaly

79.0340, -4.9468, -0.0298

Monochromacy



Original Color

76.8200, -17.1663, -0.7191

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.2790, -6.5465, -0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8200, -17.1663, -0.7191 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(76, 84, 42)` looks like.

```
.text, #text, p{  
    color:rgb(76, 84, 42)  
}
```

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(76, 84, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 84, 42) }
```

Border

The CSS property to change the border of an element to YUV 76.8200, -17.1663, -0.7191 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(76, 84, 42) }
```


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

```
.border{ border-color:rgb(76, 84, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 84, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 84, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 84, 42);  
box-shadow:4px 4px 4px 4px rgb(76, 84, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.8200, -17.1663, -0.7191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 84, 42) }
```

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

```
.background{ background-color: rgb(76, 84,  
42) }
```

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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