

Converting Colors

YUV(76.5980, -17.0568,
10.8766)

Have a look what the booklet for
YUV(76.5980, -17.0568, 10.8766)
contains.

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Color

**YUV(76.5980, -17.0568,
10.8766)**

Conversions

Conversions Part 1

Format	Color
Hex	594D2A
RGB	89, 77, 42
RGB Percent	35%, 30%, 16%
CMY	0.6510, 0.6980, 0.8353
CMYK	0.00, 0.13, 0.53, 0.65
HSL	45°, 36%, 26%
HSV	45°, 53%, 35%
XYZ	7.1916, 7.5988, 3.2782
YIQ	76.5980, 18.3870, -8.3410

Conversions

Conversions Part 2

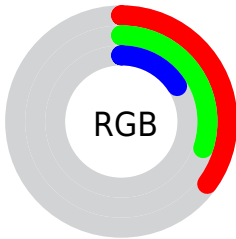
Format	Color
R_{YB}	58, 89, 42
Decimal	5852458
CIE Lab	33.13, -0.30, 22.49
CIE LCh	33, 22.495, 90.767
Yxy	7.5988, 0.3980, 0.4206
Android (android.graphics.Color)	4284042538 (0xFF594D2A)
YUV	76.5980, -17.0568, 10.8766
Hunter-Lab	27.5659, -1.6717, 12.2453

Details

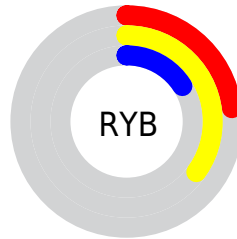
The YUV color **76.5980, -17.0568, 10.8766** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **54.4020, 17.0568, -10.8766**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8540, -18.6620, 12.4060**, and **32.2280, -15.8884, 9.4470** is the 20% darker color. If you saturate the color by 10%, you get **74.3980, -20.4092, 12.8060**, and if you desaturate by 10%, it is **78.7980, -13.7044, 8.9472**.

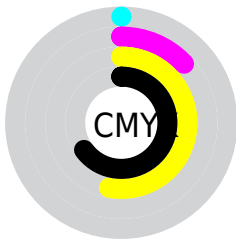
Distribution



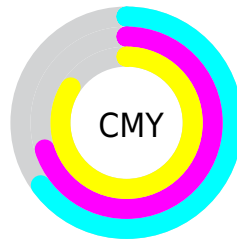
- Red (35%)
- Green (30%)
- Blue (16%)



- Red (23%)
- Yellow (35%)
- Blue (16%)



- Cyan (0%)
- Magenta (13%)
- Yellow (53%)
- Black (65%)



- Cyan (65%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5980, -17.0568, 10.8766 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 76.5980, -17.0568, 10.8766 by changing the saturation by 10% instead.

■ 76.5980, -17.0568,
10.8766

■ 76.5980, -17.0568,
10.8766

255.0000, 0.0000,
0.0000

■ 53.5270, -16.0358,
10.0618

■ 125.8540,
-18.6620, 12.4060

■ 32.2280, -15.8884,
9.4470

■ 152.0390,
-19.2462, 13.1208

■ 11.2410, -5.5418,
4.1736

■ 178.6370,
-19.5410, 14.3504

■ 0.0000, 0.0000,
0.0000

■ 206.4090,
-20.4146, 14.5503

■ 234.5940,
-20.9988, 15.2651

■ 251.0100,

-15.2879, 3.4992

254.3160, -2.6208,
0.5999

76.5980, -17.0568,
10.8766

76.5980, -17.0568,
10.8766

74.3980, -20.4092,
12.8060

78.7980, -13.7044,
8.9472

71.6110, -23.4722,
15.2502

81.5850, -10.6414,
6.5030

69.4110, -26.8246,
17.1796

83.7850, -7.2890,
4.5736

67.2110, -30.1770,
19.1090

85.9850, -3.9366,
2.6442

65.3530, -32.2190,
20.7384

88.1850, -0.5842,
0.7148

■ 90.8580, 2.0420,
-1.6295

■ 93.0580, 5.3944,
-3.5589

■ 95.2580, 8.7468,
-5.4883

■ 97.4580, 12.0992,
-7.4177

Harmonies

Analogous

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



77.8320, -15.2002, 22.0723



76.5980, -17.0568, 10.8766



74.7210, -13.6665, -3.2633

Triad

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



76.5980, -17.0568, 10.8766



61.8990, 16.3188, -54.2854



80.4720, 7.6553, 18.0031

Complementary

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



76.5980, -17.0568, 10.8766



54.4020, 17.0568, -10.8766

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.



79.0830, 14.2561, 0.8042



76.5980, -17.0568, 10.8766



66.7030, 20.3594, -43.5895

Square

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



76.5980, -17.0568, 10.8766



66.8380, 5.5029, -38.4459



75.3900, 18.5417, -20.5130



79.6490, -0.8130, 27.4948

Rectangle

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



76.5980, -17.0568, 10.8766



73.2080, -8.9765, -14.2144



75.3900, 18.5417, -20.5130



80.4220, 10.1450, 12.7849

Sweetspot

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



76.5980, -17.0568, 10.8766



109.8990, -6.8522, 4.4736



57.5350, -1.2498, 27.5948



55.9850, -3.9366, 2.6442



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



76.5980, -17.0568, 10.8766



95.5250, -26.3878, 17.0796



80.3530, -18.9080, -2.0636



41.9570, -1.4578, 0.9147



78.9530, -38.9238, 24.5972



172.9900, -85.2841, 54.3828

Inverse Universe

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



54.4020, 17.0568, -10.8766



61.4750, 26.3878, -17.0796



50.6470, 18.9080, 2.0636



40.0430, 1.4578, -0.9147



28.0470, 38.9238, -24.5972



62.0100, 85.2841, -54.3828

Previews

White Background



This preview shows how the YUV color 76.5980, -17.0568, 10.8766 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 76.5980, -17.0568, 10.8766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

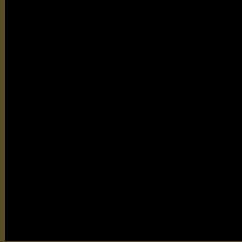
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.5980, -17.0568, 10.8766

Background



This preview shows how black text looks on a background with the YUV color 76.5980, -17.0568, 10.8766.



This preview shows how white text looks on a background with the YUV color 76.5980, -17.0568,

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

76.5980, -17.0568, 10.8766

Protanopia

76.2880, -16.9040, 8.5174

Deuteranopia

76.7450, -16.6363, 16.0096



Tritanopia

79.2510, -0.6167, 11.1809

Trichromacy



Original Color

76.5980, -17.0568, 10.8766

Protanomaly

76.5870, -17.0514, 9.1322

Deuteranomaly

76.7340, -16.6309, 14.2653

Tritanomaly

78.0570, -6.4371, 11.3510

Monochromacy



Original Color

76.5980, -17.0568, 10.8766

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7140, -6.2680, 3.7588

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5980, -17.0568, 10.8766 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(89, 77, 42)` looks like.

```
.text, #text, p{  
    color:rgb(89, 77, 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(89, 77, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 77, 42) }
```

Border

The CSS property to change the border of an element to YUV 76.5980, -17.0568, 10.8766 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(89, 77, 42) }
```


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

```
.border{ border-color:rgb(89, 77, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 77, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 77, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 77, 42);  
box-shadow:4px 4px 4px 4px rgb(89, 77, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.5980, -17.0568, 10.8766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 77, 42) }
```

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

```
.background{ background-color: rgb(89, 77,  
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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