

Converting Colors

YUV(84.5980, -17.0568,
10.8766)

Have a look what the booklet for
YUV(84.5980, -17.0568, 10.8766)
contains.

YUV(84.5980, -17.0568, 10.8766)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(84.5980, -17.0568,
10.8766)**

Conversions

Conversions Part 1

Format	Color
Hex	615532
RGB	97, 85, 50
RGB Percent	38%, 33%, 20%
CMY	0.6196, 0.6667, 0.8039
CMYK	0.00, 0.12, 0.48, 0.62
HSL	45°, 32%, 29%
HSV	45°, 48%, 38%
XYZ	8.7540, 9.2687, 4.3453
YIQ	84.5980, 18.3870, -8.3410

Conversions

Conversions Part 2

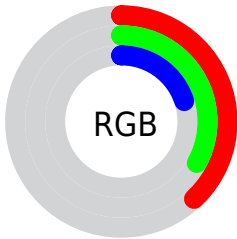
Format	Color
RYB	66, 97, 50
Decimal	6378802
CIELab	36.50, -0.48, 22.16
CIELCh	36, 22.170, 91.233
Yxy	9.2687, 0.3914, 0.4144
Android (android.graphics.Color)	4284568882 (0xFF615532)
YUV	84.5980, -17.0568, 10.8766
Hunter-Lab	30.4445, -1.9521, 12.8488

Details

The YUV color **84.5980, -17.0568, 10.8766** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **62.4020, 17.0568, -10.8766**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2670, -18.3726, 12.9208**, and **38.5870, -17.0514, 9.1322** is the 20% darker color. If you saturate the color by 10%, you get **82.2840, -20.8460, 12.9059**, and if you desaturate by 10%, it is **86.9120, -13.2676, 8.8472**.

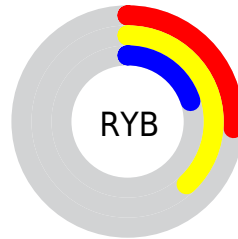
Distribution



Red (38%)

Green (33%)

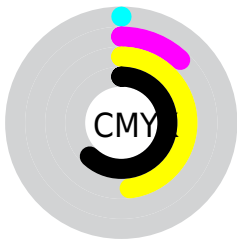
Blue (20%)



Red (26%)

Yellow (38%)

Blue (20%)

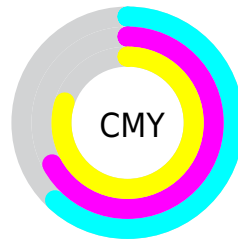


Cyan (0%)

Magenta (12%)

Yellow (48%)

Black (62%)



Cyan (62%)

Magenta (67%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.5980, -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 84.5980, -17.0568, 10.8766 by changing the saturation by 10% instead.

■ 84.5980, -17.0568,
10.8766

■ 84.5980, -17.0568,
10.8766

■ 255.0000, 0.0000,
0.0000

■ 61.1140, -16.3252,
9.5470

■ 134.2670,
-18.3726, 12.9208

■ 38.5870, -17.0514,
9.1322

■ 161.0390,
-19.2462, 13.1208

■ 19.8130, -9.7678,
6.3030

■ 188.2240,
-19.8304, 13.8356

■ 0.0000, 0.0000,
0.0000

■ 215.5230,
-19.9778, 14.4503

■ 242.5010,
-19.9670, 10.9616

■ 252.1500,

-10.9200, 2.4994

■ 84.5980, -17.0568,
10.8766

■ 84.5980, -17.0568,
10.8766

■ 82.2840, -20.8460,
12.9059

■ 86.9120, -13.2676,
8.8472

■ 79.4970, -23.9090,
15.3501

■ 89.6990, -10.2046,
6.4030

■ 77.1830, -27.6982,
17.3795

■ 92.0130, -6.4154,
4.3736

■ 74.2820, -31.1980,
19.9237

■ 94.9140, -2.9156,
1.8294

■ 72.0820, -34.5504,
21.8531

■ 97.1140, 0.4368,
-0.1000

■ 71.2670, -35.1346,
22.5678

■ 100.0150, 3.9366,
-2.6442

■ 102.3290, 7.7258,
-4.6735

■ 105.2300, 11.2256,
-7.2177

■ 107.4300, 14.5780,
-9.1471

Harmonies

Analogous

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



86.1310, -15.3476, 22.6871



84.5980, -17.0568, 10.8766



82.4220, -13.5190, -3.8781

Triad

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



84.5980, -17.0568, 10.8766



72.4050, 15.5763, -49.4672



88.3580, 7.2185, 18.1030

Complementary

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



84.5980, -17.0568, 10.8766



62.4020, 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.



87.3820, 14.1087, 1.4190



84.5980, -17.0568, 10.8766



76.9100, 19.7644, -39.3861

Square

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



84.5980, -17.0568, 10.8766



75.7350, 5.0606, -36.6016



83.4010, 18.5363, -18.7687



87.6490, -0.8130, 27.4948

Rectangle

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



84.5980, -17.0568, 10.8766



80.9090, -8.8291, -14.8292



83.4010, 18.5363, -18.7687



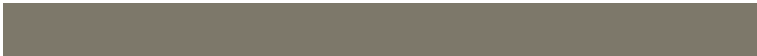
88.3080, 9.7082, 12.8849

Sweetspot

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



84.5980, -17.0568, 10.8766



119.8990, -6.8522, 4.4736



65.5350, -1.2498, 27.5948



60.8710, -4.3734, 2.7441



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



84.5980, -17.0568, 10.8766



105.5250, -26.3878, 17.0796



88.3530, -18.9080, -2.0636



46.9570, -1.4578, 0.9147



82.7960, -40.8184, 25.6119



176.8330, -87.1787, 55.3975

Inverse Universe

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



62.4020, 17.0568, -10.8766



71.4750, 26.3878, -17.0796



58.6470, 18.9080, 2.0636



45.0430, 1.4578, -0.9147



29.7910, 40.5290, -26.1267



63.1670, 87.1787, -55.3975

Previews

White Background



This preview shows how the YUV color 84.5980, -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 84.5980, -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 84.5980, -17.0568, 10.8766

Background



This preview shows how black text looks on a background with the YUV color 84.5980, -17.0568, 10.8766.



This preview shows how white text looks on a background with the YUV color 84.5980, -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

84.5980, -17.0568, 10.8766

Protanopia

84.2880, -16.9040, 8.5174

Deuteranopia

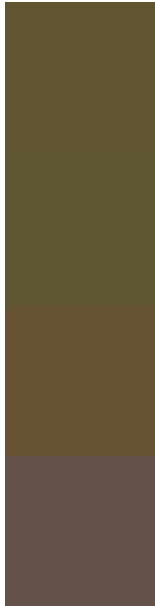
85.0440, -16.7837, 16.6244



Tritanopia

87.6640, -0.3274, 11.6957

Trichromacy



Original Color

84.5980, -17.0568, 10.8766

Protanomaly

84.5870, -17.0514, 9.1322

Deuteranomaly

84.7340, -16.6309, 14.2653

Tritanomaly

86.4700, -6.1477, 11.8658

Monochromacy



Original Color

84.5980, -17.0568, 10.8766

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7140, -6.2680, 3.7588

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5980, -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(97, 85, 50)` looks like.

```
.text, #text, p{  
    color:rgb(97, 85, 50)  
}
```

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(97, 85, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 85, 50) }
```

Border

The CSS property to change the border of an element to YUV 84.5980, -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(97, 85, 50) }
```


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

```
.border{ border-color:rgb(97, 85, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 85, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 85, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 85, 50);  
box-shadow:4px 4px 4px 4px rgb(97, 85, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.5980, -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(97, 85, 50) }
```

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

```
.background{ background-color: rgb(97, 85,  
50) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor