

Converting Colors

YUV(89.6810, -2.8007, 11.6808)

Have a look what the booklet for
YUV(89.6810, -2.8007, 11.6808)
contains.

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Color

**YUV(89.6810, -2.8007,
11.6808)**

Conversions

Conversions Part 1

Format	Color
Hex	675454
RGB	103, 84, 84
RGB Percent	40%, 33%, 33%
CMY	0.5961, 0.6706, 0.6706
CMYK	0.00, 0.18, 0.18, 0.60
HSL	0°, 10%, 37%
HSV	0°, 18%, 40%
XYZ	10.3641, 9.8643, 9.7453
YIQ	89.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

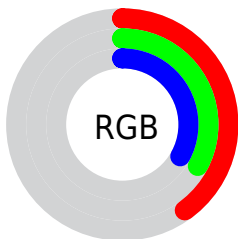
Format	Color
R_{YB}	103, 84, 84
Decimal	6771796
CIE Lab	37.60, 7.85, 2.95
CIE LCh	38, 8.383, 20.584
Yxy	9.8643, 0.3458, 0.3291
Android (android.graphics.Color)	4284961876 (0xFF675454)
YUV	89.6810, -2.8007, 11.6808
Hunter-Lab	31.4075, 3.9396, 3.5885

Details

The YUV color **89.6810, -2.8007, 11.6808** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **97.3190, 2.8007, -11.6808**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8660, -3.3849, 12.3955**, and **44.0830, -2.5059, 10.4512** is the 20% darker color. If you saturate the color by 10%, you get **82.6710, -4.2748, 17.8285**, and if you desaturate by 10%, it is **96.6910, -1.3267, 5.5330**.

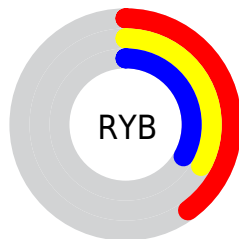
Distribution



Red (40%)

Green (33%)

Blue (33%)



Red (40%)

Yellow (33%)

Blue (33%)

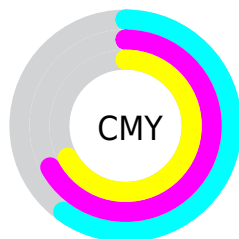


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (60%)



Cyan (60%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6810, -2.8007, 11.6808 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 89.6810, -2.8007, 11.6808 by changing the saturation by 10% instead.

■ 89.6810, -2.8007,
11.6808

■ 89.6810, -2.8007,
11.6808

■ 255.0000, 0.0000,
0.0000

■ 66.3820, -2.6533,
11.0660

■ 139.8660, -3.3849,
12.3955

■ 44.0830, -2.5059,
10.4512

■ 166.2790, -3.0955,
12.9103

■ 23.4850, -2.2111,
9.2217

■ 193.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,
0.0000

■ 220.8770, -3.3904,
14.1399

■ 246.5880, -1.7689,
7.3773

■ 89.6810, -2.8007,
11.6808

■ 89.6810, -2.8007,
11.6808

■ 82.6710, -4.2748,
17.8285

■ 96.6910, -1.3267,
5.5330

■ 74.9600, -5.8963,
24.5911

■ 104.4020, 0.2948,
-1.2296

■ 67.9500, -7.3703,
30.7389

■ 111.4120, 1.7689,
-7.3773

■ 60.9400, -8.8444,
36.8866

■ 118.4220, 3.2430,
-13.5251

■ 53.9300, -10.3185,
43.0344

■ 126.1330, 4.8644,
-20.2876

■ 46.2190, -11.9400,
49.7969

■ 133.1430, 6.3385,
-26.4354

■ 39.2090, -13.4140,
55.9447

■ 140.1530, 7.8126,
-32.5832

■ 32.1990, -14.8881,

■ 147.1630, 9.2866,

62.0925

-38.7310

■ 30.7970, -15.1829,
63.3220

■ 154.8740, 10.9081,
-45.4935

Harmonies

Analogous

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



89.8810, 0.5517, 9.7514



89.6810, -2.8007, 11.6808



88.9860, -5.4161, 10.5363

Triad

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



89.6810, -2.8007, 11.6808



86.7560, -3.3307, -5.0480



88.0790, 6.8631, -7.9623

Complementary

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



89.6810, -2.8007, 11.6808



97.3190, 2.8007, -11.6808

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.



86.5300, 6.1477, -11.8658



89.6810, -2.8007, 11.6808



86.2330, -0.1149, -9.8513

Square

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



89.6810, -2.8007, 11.6808



87.5180, -5.6784, 1.2997



85.8350, 3.5323, -13.0103



88.5960, 6.1152, -1.3997

Rectangle

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



89.6810, -2.8007, 11.6808



89.0350, -6.4263, 7.8623



85.8350, 3.5323, -13.0103



87.0680, 6.8685, -9.7066

Sweetspot

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



89.6810, -2.8007, 11.6808



129.3920, -1.1793, 4.9182



91.8470, 5.4984, 9.7812



65.4950, -0.7370, 3.0739



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



89.6810, -2.8007, 11.6808



113.9700, -4.4222, 18.4433



95.5510, -5.6946, 6.5328



47.4950, -0.7370, 3.0739



34.3850, -16.9518, 70.6994



72.3580, -35.6725, 148.7760

Inverse Universe

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



97.3190, 2.8007, -11.6808



126.0300, 4.4222, -18.4433



92.0360, 5.4053, -7.0476



49.5050, 0.7370, -3.0739



80.6150, 16.9518, -70.6994



169.6420, 35.6725, -148.7760

Previews

White Background



This preview shows how the YUV color 89.6810, -2.8007, 11.6808 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 89.6810, -2.8007, 11.6808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

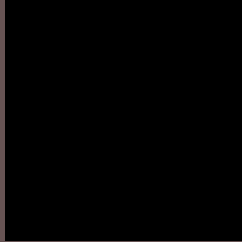
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.6810, -2.8007, 11.6808

Background



This preview shows how black text looks on a background with the YUV color 89.6810, -2.8007, 11.6808.

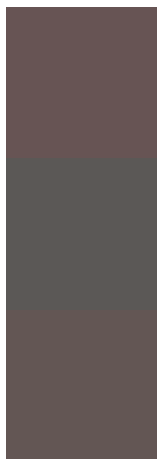


This preview shows how white text looks on a background with the YUV color 89.6810, -2.8007,

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

89.6810, -2.8007, 11.6808

Protanopia

88.6690, -1.3158, 2.0443

Deuteranopia

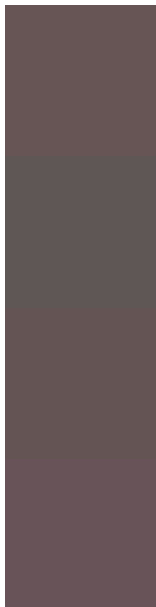
89.6590, -2.7899, 8.1921



Tritanopia

90.0770, -0.0380, 12.2105

Trichromacy



Original Color

89.6810, -2.8007, 11.6808

Protanomaly

89.1640, -2.0529, 5.1182

Deuteranomaly

89.3710, -2.6479, 9.3216

Tritanomaly

89.8490, -0.9116, 12.4104

Monochromacy



Original Color

89.6810, -2.8007, 11.6808

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0930, -1.0318, 4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6810, -2.8007, 11.6808 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(103, 84, 84)` looks like.

```
.text, #text, p{  
    color:rgb(103, 84, 84)  
}
```

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(103, 84, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 84, 84) }
```

Border

The CSS property to change the border of an element to YUV 89.6810, -2.8007, 11.6808 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(103, 84, 84) }
```


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

```
.border{ border-color:rgb(103, 84, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 84, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 84, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 84, 84);  
box-shadow:4px 4px 4px 4px rgb(103, 84,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 89.6810, -2.8007, 11.6808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 84, 84) }
```

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

```
.background{ background-color: rgb(103, 84,  
84) }
```

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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