

Converting Colors

YUV(89.8110, -6.8088, -9.4812)

Have a look what the booklet for
YUV(89.8110, -6.8088, -9.4812)
contains.

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Color

**YUV(89.8110, -6.8088,
-9.4812)**

Conversions

Conversions Part 1

Format	Color
Hex	4F624C
RGB	79, 98, 76
RGB Percent	31%, 38%, 30%
CMY	0.6902, 0.6157, 0.7020
CMYK	0.19, 0.00, 0.22, 0.62
HSL	112°, 13%, 34%
HSV	112°, 22%, 38%
XYZ	8.8966, 10.9194, 8.4762
YIQ	89.8110, -4.2620, -10.8700

Conversions

Conversions Part 2

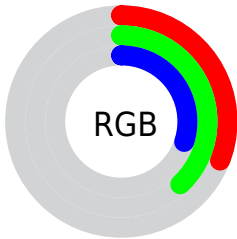
Format	Color
R_{YB}	76, 98, 95
Decimal	5202508
CIE Lab	39.44, -11.96, 10.20
CIE LCh	39, 15.719, 139.560
Yxy	10.9194, 0.3145, 0.3860
Android (android.graphics.Color)	4283392588 (0xFF4F624C)
YUV	89.8110, -6.8088, -9.4812
Hunter-Lab	33.0446, -9.7702, 7.9228

Details

The YUV color **89.8110, -6.8088, -9.4812** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **84.1890, 6.8088, 9.4812**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9850, -7.3876, -10.5108**, and **43.7510, -5.7932, -8.5516** is the 20% darker color. If you saturate the color by 10%, you get **86.2790, -9.9975, -13.3997**, and if you desaturate by 10%, it is **93.3430, -3.6201, -5.5628**.

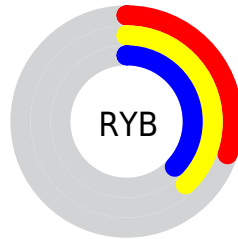
Distribution



Red (31%)

Green (38%)

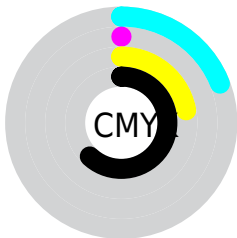
Blue (30%)



Red (30%)

Yellow (38%)

Blue (37%)

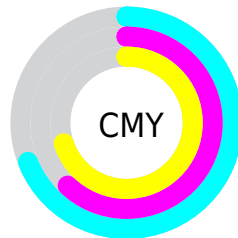


Cyan (19%)

Magenta (0%)

Yellow (22%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8110, -6.8088, -9.4812 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 89.8110, -6.8088, -9.4812 by changing the saturation by 10% instead.

■ 89.8110, -6.8088,
-9.4812

■ 89.8110, -6.8088,
-9.4812

255.0000, 0.0000,
0.0000

■ 66.2240, -6.5194,
-8.9664

■ 139.9850, -7.3876,
-10.5108

■ 43.7510, -5.7932,
-8.5516

■ 166.2840, -7.5350,
-9.8961

■ 22.8220, -6.8142,
-7.7369

■ 193.5720, -7.6770,
-11.0256

■ 0.0000, 0.0000,
0.0000

■ 221.4580, -8.1138,
-10.9257

■ 247.1100, -6.9562,
-8.8665

■ 89.8110, -6.8088,
-9.4812

■ 89.8110, -6.8088,
-9.4812

■ 86.2790, -9.9975,
-13.3997

■ 93.3430, -3.6201,
-5.5628

■ 82.4480, -13.0389,
-17.9329

■ 97.1740, -0.5788,
-1.0296

■ 79.0300, -15.7908,
-21.9513

■ 100.5920, 2.1731,
2.9888

■ 75.1990, -18.8321,
-26.4845

■ 104.4230, 5.2145,
7.5220

■ 71.6670, -22.0208,
-30.4030

■ 107.9550, 8.4032,
11.4405

■ 67.8360, -25.0621,
-34.9362

■ 111.7860, 11.4445,
15.9737

■ 64.3040, -28.2509,
-38.8546

■ 115.3180, 14.6332,
19.8921

■ 61.4130, -30.2766,

■ 119.0350, 17.2377,

-42.4582

24.5253

■ 122.5670, 20.4265,
28.4437

Harmonies

Analogous

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



91.7370, -11.2093, 1.9847



89.8110, -6.8088, -9.4812



88.1670, -0.0823, -20.3175

Triad

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



89.8110, -6.8088, -9.4812



90.4460, 13.5841, -17.0541



94.5790, -4.7224, 21.4172

Complementary

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



89.8110, -6.8088, -9.4812



84.1890, 6.8088, 9.4812

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.



95.1640, 1.3981, 18.2732



89.8110, -6.8088, -9.4812



93.3660, 11.6516, -3.8290

Square

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



89.8110, -6.8088, -9.4812



88.2230, 11.7221, -26.5056



95.0040, 7.3930, 8.7665



93.6020, -9.6638, 19.6430

Rectangle

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



89.8110, -6.8088, -9.4812



87.1000, 4.8807, -25.5207



95.0040, 7.3930, 8.7665



95.0350, -2.9753, 21.0173

Sweetspot

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



89.8110, -6.8088, -9.4812



124.5820, -2.7519, -4.0184



93.7310, -8.7414, 3.7439



61.9350, -1.4470, -2.5740



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.



89.8110, -6.8088, -9.4812



115.0400, -10.8657, -14.9441



89.8260, -2.8722, -12.1254



46.3480, -1.1576, -2.0592



70.2290, -34.6229, -48.4358



150.7470, -74.3183, -103.2641

Inverse Universe

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



84.1890, 6.8088, 9.4812



105.9600, 10.8657, 14.9441



84.1740, 2.8722, 12.1254



45.6520, 1.1576, 2.0592



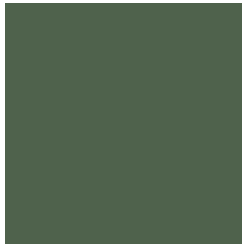
41.7710, 34.6229, 48.4358



89.2530, 74.3183, 103.2641

Previews

White Background



This preview shows how the YUV color 89.8110, -6.8088, -9.4812 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 × Fail

Black Background



This preview shows how the YUV color 89.8110, -6.8088, -9.4812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 89.8110, -6.8088, -9.4812

Background



This preview shows how black text looks on a background with the YUV color 89.8110, -6.8088, -9.4812.



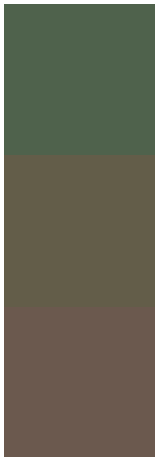
This preview shows how white text looks on a background with the YUV color 89.8110, -6.8088, -9.4812.

-9.4812.

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

89.8110, -6.8088, -9.4812

Protanopia

92.5140, -9.6204, 5.6882

Deuteranopia

93.1280, -7.4581, 12.1657



Tritanopia

91.6230, 5.1159, -7.5624

Trichromacy



Original Color

89.8110, -6.8088, -9.4812

Protanomaly

91.7090, -8.7305, 0.2552

Deuteranomaly

91.7850, -7.2890, 4.5736

Tritanomaly

90.8850, 1.0427, -7.7921

Monochromacy



Original Color

89.8110, -6.8088, -9.4812

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9950, -2.4625, -3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8110, -6.8088, -9.4812 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(79, 98, 76)` looks like.

```
.text, #text, p{  
    color:rgb(79, 98, 76)  
}
```

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(79, 98, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 98, 76) }
```

Border

The CSS property to change the border of an element to YUV 89.8110, -6.8088, -9.4812 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(79, 98, 76) }
```


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

```
.border{ border-color:rgb(79, 98, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 98, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 98, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 98, 76);  
box-shadow:4px 4px 4px 4px rgb(79, 98, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.8110, -6.8088, -9.4812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 98, 76) }
```

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

```
.background{ background-color: rgb(79, 98,  
76) }
```

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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