

Converting Colors

YUV(88.4800, 12.0884, -3.9290)

Have a look what the booklet for
YUV(88.4800, 12.0884, -3.9290)
contains.

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Color

**YUV(88.4800, 12.0884,
-3.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	545671
RGB	84, 86, 113
RGB Percent	33%, 34%, 44%
CMY	0.6706, 0.6627, 0.5569
CMYK	0.26, 0.24, 0.00, 0.56
HSL	236°, 15%, 39%
HSV	236°, 26%, 44%
XYZ	9.9646, 9.7326, 16.9762
YIQ	88.4800, -9.8590, 7.9730

Conversions

Conversions Part 2

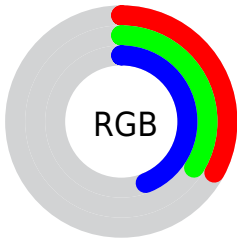
Format	Color
R_{YB}	84, 86, 113
Decimal	5527153
CIE Lab	37.36, 5.77, -15.65
CIE LCh	37, 16.677, 290.246
Yxy	9.7326, 0.2717, 0.2654
Android (android.graphics.Color)	4283717233 (0xFF545671)
YUV	88.4800, 12.0884, -3.9290
Hunter-Lab	31.1972, 2.4189, -10.4251

Details

The YUV color **88.4800, 12.0884, -3.9290** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **108.5200, -12.0884, 3.9290**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.7080, 12.9620, -4.1289**, and **42.8390, 10.9254, -4.2438** is the 20% darker color. If you saturate the color by 10%, you get **78.7340, 16.8931, -5.0287**, and if you desaturate by 10%, it is **98.2260, 7.2836, -2.8292**.

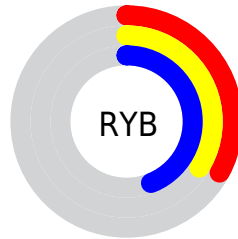
Distribution



Red (33%)

Green (34%)

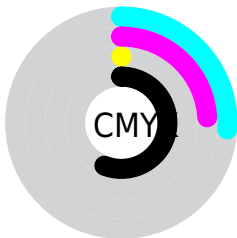
Blue (44%)



Red (33%)

Yellow (34%)

Blue (44%)

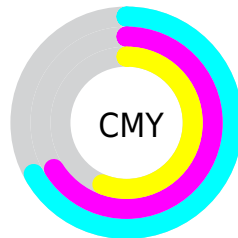


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (56%)



Cyan (67%)

Magenta (66%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.4800, 12.0884, -3.9290 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 88.4800, 12.0884, -3.9290 by changing the saturation by 10% instead.

■ 88.4800, 12.0884,
-3.9290

■ 88.4800, 12.0884,
-3.9290

■ 255.0000, 0.0000,
0.0000

■ 64.9530, 11.3622,
-4.3438

■ 138.7080, 12.9620,
-4.1289

■ 42.8390, 10.9254,
-4.2438

■ 164.8220, 13.3988,
-4.2289

■ 22.0130, 10.3466,
-5.2734

■ 192.2350, 13.6881,
-3.7141

■ 3.0950, 9.3202,
-2.7143

■ 219.9360, 13.8356,
-4.3289

■ 0.0000, 0.0000,
0.0000

■ 245.8410, 4.5154,
-1.6146

■ 88.4800, 12.0884,
-3.9290

■ 88.4800, 12.0884,
-3.9290

■ 78.7340, 16.8931,
-5.0287

■ 98.2260, 7.2836,
-2.8292

■ 69.2760, 21.5559,
-7.2581

■ 107.6840, 2.6208,
-0.5999

■ 59.5300, 26.3607,
-8.3578

■ 117.4300, -2.1840,
0.4999

■ 50.3710, 30.8761,
-9.9724

■ 126.5890, -6.6994,
2.1144

■ 40.6250, 35.6809,
-11.0721

■ 136.6340,
-11.6516, 3.8290

■ 31.1670, 40.3437,
-13.3015

■ 145.7930,
-16.1669, 5.4435

■ 21.4210, 45.1484,
-14.4012

■ 155.5390,
-20.9717, 6.5433

■ 17.5780, 47.0430,

■ 164.6980,

-15.4159

-25.4871, 8.1579

■ 174.7430,
-30.4393, 9.8724

Harmonies

Analogous

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



85.2610, 14.1683, -17.7689



88.4800, 12.0884, -3.9290



89.7160, 7.5350, 9.8961

Triad

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



88.4800, 12.0884, -3.9290



88.4880, -10.1006, 19.7430



82.5690, 0.2125, -21.5470

Complementary

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



88.4800, 12.0884, -3.9290



108.5200, -12.0884, 3.9290

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.



84.3980, -7.0982, -9.9960



88.4800, 12.0884, -3.9290



88.0480, -12.8417, 12.2359

Square

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



88.4800, 12.0884, -3.9290



89.1770, -5.0173, 22.6468



86.3240, -11.4987, 1.4699



81.1750, 7.8017, -29.0945

Rectangle

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



88.4800, 12.0884, -3.9290



90.0220, 3.4402, 16.6437



86.3240, -11.4987, 1.4699



83.4940, -2.7085, -17.9732

Sweetspot

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



88.4800, 12.0884, -3.9290



137.9550, 4.9522, -1.7145



104.1010, 3.4012, -17.6286



67.7980, 3.0576, -0.6998



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



88.4800, 12.0884, -3.9290



109.0050, 19.2245, -6.1434



90.8940, 10.8983, 4.4780



51.2710, 2.3314, -1.1147



18.3760, 50.1006, -16.1158



38.1370, 102.9695, -33.4461

Inverse Universe

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



92.8990, -3.4012, 17.6286



116.0960, -5.4703, 27.9798



106.1060, -10.8983, -4.4780



51.9080, -0.4476, 3.5887



36.7920, -14.1945, 72.9734



75.7910, -28.9840, 150.1503

Previews

White Background



This preview shows how the YUV color 88.4800, 12.0884, -3.9290 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 88.4800, 12.0884, -3.9290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

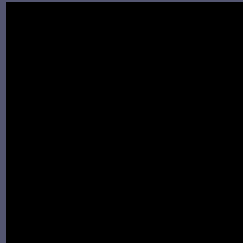
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.4800, 12.0884, -3.9290

Background



This preview shows how black text looks on a background with the YUV color 88.4800, 12.0884, -3.9290.



This preview shows how white text looks on a background with the YUV color 88.4800, 12.0884,

-3.9290.

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

88.4800, 12.0884, -3.9290

Protanopia

88.2840, 12.6780, -6.3881

Deuteranopia

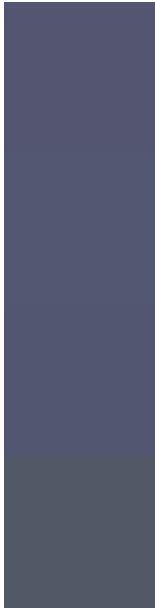
88.1810, 12.2358, -4.5437



Tritanopia

87.4060, 4.2368, -5.6181

Trichromacy



Original Color

88.4800, 12.0884, -3.9290

Protanomaly

88.5830, 12.5306, -5.7733

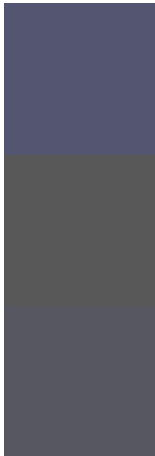
Deuteranomaly

88.1810, 12.2358, -4.5437

Tritanomaly

87.8020, 6.9996, -5.0884

Monochromacy



Original Color

88.4800, 12.0884, -3.9290

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1400, 4.3680, -0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.4800, 12.0884, -3.9290 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(84, 86, 113)` looks like.

```
.text, #text, p{  
    color:rgb(84, 86, 113)  
}
```

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(84, 86, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 86, 113) }
```

Border

The CSS property to change the border of an element to YUV 88.4800, 12.0884, -3.9290 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(84, 86, 113) }
```


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

```
.border{ border-color:rgb(84, 86, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 86, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 86, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 86, 113);  
box-shadow:4px 4px 4px 4px rgb(84, 86,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 88.4800, 12.0884, -3.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 86, 113) }
```

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

```
.background{ background-color: rgb(84, 86,  
113) }
```

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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