

Converting Colors

YUV(88.9300, -0.4585, 7.0774)

Have a look what the booklet for
YUV(88.9300, -0.4585, 7.0774)
contains.

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Color

**YUV(88.9300, -0.4585,
7.0774)**

Conversions

Conversions Part 1

Format	Color
Hex	615558
RGB	97, 85, 88
RGB Percent	38%, 33%, 35%
CMY	0.6196, 0.6667, 0.6549
CMYK	0.00, 0.12, 0.09, 0.62
HSL	345°, 7%, 36%
HSV	345°, 12%, 38%
XYZ	9.9397, 9.7430, 10.5892
YIQ	88.9300, 6.1890, 3.4770

Conversions

Conversions Part 2

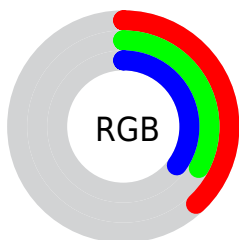
Format	Color
RYB	97, 85, 88
Decimal	6378840
CIELab	37.38, 5.49, 0.06
CIELCh	37, 5.494, 0.580
Yxy	9.7430, 0.3283, 0.3218
Android (android.graphics.Color)	4284568920 (0xFF615558)
YUV	88.9300, -0.4585, 7.0774
Hunter-Lab	31.2137, 2.2176, 1.7355

Details

The YUV color **88.9300, -0.4585, 7.0774** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **93.0700, 0.4585, -7.0774**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2290, -0.6059, 7.6922**, and **43.6310, -0.3111, 6.4626** is the 20% darker color. If you saturate the color by 10%, you get **82.2620, -0.6222, 12.9252**, and if you desaturate by 10%, it is **95.5980, -0.2948, 1.2296**.

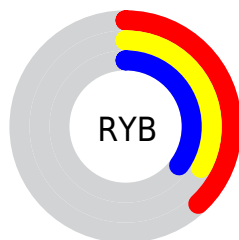
Distribution



Red (38%)

Green (33%)

Blue (35%)



Red (38%)

Yellow (33%)

Blue (35%)

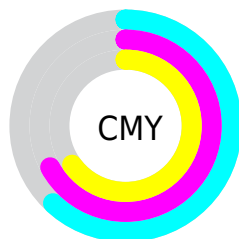


Cyan (0%)

Magenta (12%)

Yellow (9%)

Black (62%)



Cyan (62%)


Magenta (67%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.9300, -0.4585, 7.0774 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 88.9300, -0.4585, 7.0774 by changing the saturation by 10% instead.


 88.9300, -0.4585,
7.0774


 88.9300, -0.4585,
7.0774


255.0000, 0.0000,
0.0000


 65.6310, -0.3111,
6.4626


 139.2290, -0.6059,
7.6922

 43.6310, -0.3111,
6.4626


 165.2290, -0.6059,
7.6922


 22.9190, -0.4531,
5.3330


 192.5280, -0.7533,
8.3069


 0.0000, 0.0000,
0.0000


 220.5280, -0.7533,
8.3069


 247.6310, -0.3111,
6.4626


 88.9300, -0.4585,
7.0774


 88.9300, -0.4585,
7.0774


 82.2620, -0.6222,
12.9252


 95.5980, -0.2948,
1.2296


 76.0670, -1.5120,
18.3582


 101.7930, 0.5951,
-4.2035


 69.3990, -1.6757,
24.2061


 108.4610, 0.7587,
-10.0513

 62.7310, -1.8394,
30.0539

 115.1290, 0.9224,
-15.8991

 56.6500, -2.2924,
35.3870

 121.2100, 1.3755,
-21.2322

 49.8680, -2.8929,
41.3348

 127.9920, 1.9759,
-27.1800

 43.2000, -3.0566,
47.1826


 134.6600, 2.1396,
-33.0278

 36.5320, -3.2203,

 141.3280, 2.3033,

53.0304

-38.8757

 31.7390, -3.8153,
57.2339

 147.4090, 2.7564,
-44.2087

Harmonies

Analogous

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



89.0760, 1.4415, 4.3183



88.9300, -0.4585, 7.0774



88.7730, -2.3531, 8.0921

Triad

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



88.9300, -0.4585, 7.0774



87.3760, -3.6364, -0.3298



87.2810, 3.8055, -7.2624

Complementary

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



88.9300, -0.4585, 7.0774



93.0700, 0.4585, -7.0774

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.



86.3410, 2.7899, -8.1921



88.9300, -0.4585, 7.0774



86.8100, -1.8783, -4.2184

Square

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



88.9300, -0.4585, 7.0774



88.1700, -4.5208, 3.3589



86.7710, 0.6059, -7.6922



87.8300, 4.5208, -3.3589

Rectangle

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



88.9300, -0.4585, 7.0774



88.7190, -3.8055, 7.2624



86.7710, 0.6059, -7.6922



86.9820, 3.9529, -7.8772

Sweetspot

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



88.9300, -0.4585, 7.0774



121.6090, -0.3002, 2.9739



89.0590, 3.9149, 4.3333



61.8970, -0.4422, 1.8443



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.



88.9300, -0.4585, 7.0774



112.2510, -0.6167, 11.1809



90.3490, -2.6371, 5.8329



45.3100, -0.1528, 2.3591



36.6800, -4.2792, 66.0556



78.6000, -9.1698, 141.5478

Inverse Universe

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



88.9300, -0.4585, 7.0774



112.2510, -0.6167, 11.1809



91.6510, 2.6371, -5.8329



45.3100, -0.1528, 2.3591



36.6800, -4.2792, 66.0556



78.6000, -9.1698, 141.5478

Previews

White Background



This preview shows how the YUV color 88.9300, -0.4585, 7.0774 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 88.9300, -0.4585, 7.0774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

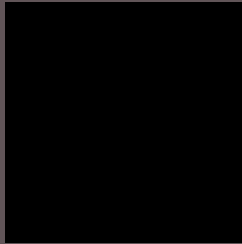
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.9300, -0.4585, 7.0774

Background



This preview shows how black text looks on a background with the YUV color 88.9300, -0.4585, 7.0774.

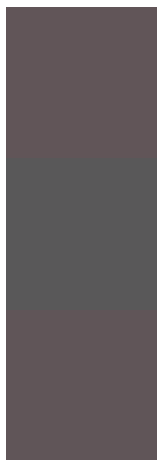


This preview shows how white text looks on a background with the YUV color 88.9300, -0.4585,

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

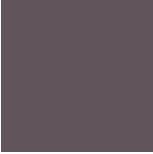
88.9300, -0.4585, 7.0774

Protanopia

88.4130, 0.2894, 0.5148

Deuteranopia

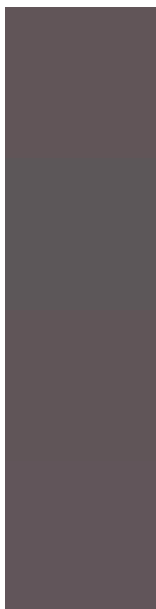
88.6310, -0.3111, 6.4626



Tritanopia

89.2720, 0.8519, 6.7775

Trichromacy



Original Color

88.9300, -0.4585, 7.0774

Protanomaly

88.7230, 0.1366, 2.8739

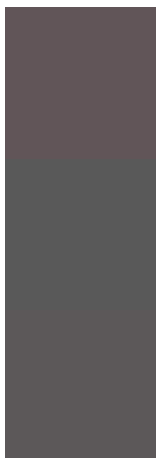
Deuteranomaly

88.6310, -0.3111, 6.4626

Tritanomaly

89.1580, 0.4151, 6.8774

Monochromacy



Original Color

88.9300, -0.4585, 7.0774

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.3100, -0.1528, 2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.9300, -0.4585, 7.0774 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, 88)` looks like.

```
.text, #text, p{  
    color:rgb(97, 85, 88)  
}
```

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, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 85, 88) }
```

Border

The CSS property to change the border of an element to YUV 88.9300, -0.4585, 7.0774 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, 88) }
```


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

```
.border{ border-color:rgb(97, 85, 88) }
```

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, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 85, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 85, 88);  
box-shadow:4px 4px 4px 4px rgb(97, 85, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.9300, -0.4585, 7.0774 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, 88) }
```

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

```
.background{ background-color: rgb(97, 85,  
88) }
```

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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