

Converting Colors

YUV(89.5280, -0.7533, 8.3069)

Have a look what the booklet for
YUV(89.5280, -0.7533, 8.3069)
contains.

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Color

**YUV(89.5280, -0.7533,
8.3069)**

Conversions

Conversions Part 1

Format	Color
Hex	635558
RGB	99, 85, 88
RGB Percent	39%, 33%, 35%
CMY	0.6118, 0.6667, 0.6549
CMYK	0.00, 0.14, 0.11, 0.61
HSL	347°, 8%, 36%
HSV	347°, 14%, 39%
XYZ	10.1555, 9.8542, 10.5993
YIQ	89.5280, 7.3810, 3.9010

Conversions

Conversions Part 2

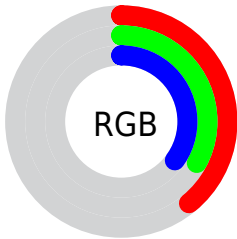
Format	Color
RYB	99, 85, 88
Decimal	6509912
CIELab	37.58, 6.31, 0.38
CIELCh	38, 6.325, 3.402
Yxy	9.8542, 0.3318, 0.3219
Android (android.graphics.Color)	4284699992 (0xFF635558)
YUV	89.5280, -0.7533, 8.3069
Hunter-Lab	31.3914, 2.8120, 1.9547

Details

The YUV color **89.5280, -0.7533, 8.3069** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94.4720, 0.7533, -8.3069**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8270, -0.9007, 8.9217**, and **43.9300, -0.4585, 7.0774** is the 20% darker color. If you saturate the color by 10%, you get **82.7460, -1.3538, 14.2548**, and if you desaturate by 10%, it is **96.3100, -0.1528, 2.3591**.

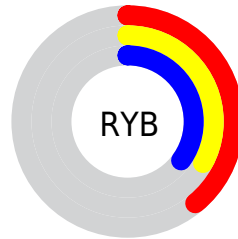
Distribution



Red (39%)

Green (33%)

Blue (35%)



Red (39%)

Yellow (33%)

Blue (35%)

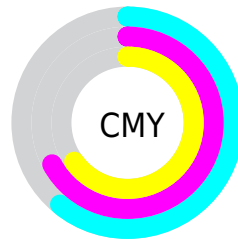


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (61%)



Cyan (61%)

Magenta (67%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5280, -0.7533, 8.3069 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 89.5280, -0.7533, 8.3069 by changing the saturation by 10% instead.

■ 89.5280, -0.7533,
8.3069

■ 89.5280, -0.7533,
8.3069

■ 255.0000, 0.0000,
0.0000

■ 66.2290, -0.6059,
7.6922

■ 139.8270, -0.9007,
8.9217

■ 43.9300, -0.4585,
7.0774

■ 166.1260, -1.0481,
9.5365

■ 23.5170, -0.7479,
6.5626

■ 193.1260, -1.0481,
9.5365

■ 0.0000, 0.0000,
0.0000

■ 221.1260, -1.0481,
9.5365

■ 247.6310, -0.3111,
6.4626

89.5280, -0.7533,
8.3069

89.5280, -0.7533,
8.3069

82.7460, -1.3538,
14.2548

96.3100, -0.1528,
2.3591

75.9640, -1.9543,
20.2026

103.0920, 0.4476,
-3.5887

69.2960, -2.1179,
26.0504

109.7600, 0.6113,
-9.4365

62.5140, -2.7184,
31.9982

116.5420, 1.2118,
-15.3843

56.3190, -3.6083,
37.4312

123.3240, 1.8123,
-21.3321

49.5370, -4.2087,
43.3791

129.5190, 2.7021,
-26.7652

42.8690, -4.3724,
49.2269

136.1870, 2.8658,
-32.6130

36.0870, -4.9729,

142.9690, 3.4663,

55.1747

-38.5608

■ 31.9950, -5.4205,
58.7634

■ 149.7510, 4.0668,
-44.5086

Harmonies

Analogous

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



89.7880, 1.5835, 5.4479



89.5280, -0.7533, 8.3069



88.9580, -2.9373, 8.8068

Triad

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



89.5280, -0.7533, 8.3069



87.6640, -3.7784, -1.4593



87.2100, 4.8265, -8.0772

Complementary

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



89.5280, -0.7533, 8.3069



94.4720, 0.7533, -8.3069

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.



86.8570, 3.5215, -9.5216



89.5280, -0.7533, 8.3069



87.2120, -1.5835, -5.4479

Square

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



89.5280, -0.7533, 8.3069



88.0560, -4.9576, 3.4589



87.1730, 0.9007, -8.9217



88.5310, 4.6682, -3.9737

Rectangle

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



89.5280, -0.7533, 8.3069



88.9040, -4.3897, 7.9772



87.1730, 0.9007, -8.9217



87.3840, 4.2477, -9.1068

Sweetspot

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



89.5280, -0.7533, 8.3069



123.9080, -0.4476, 3.5887



89.8850, 4.4937, 5.3629



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.



89.5280, -0.7533, 8.3069



113.0340, -1.4958, 13.1252



91.5340, -3.2213, 6.5477



45.3100, -0.1528, 2.3591



36.2240, -6.0264, 66.4556



77.5740, -13.1010, 142.4476

Inverse Universe

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



89.5280, -0.7533, 8.3069



113.0340, -1.4958, 13.1252



92.4660, 3.2213, -6.5477



45.3100, -0.1528, 2.3591



36.2240, -6.0264, 66.4556



77.5740, -13.1010, 142.4476

Previews

White Background



This preview shows how the YUV color 89.5280, -0.7533, 8.3069 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 89.5280, -0.7533, 8.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

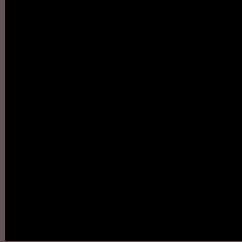
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5280, -0.7533, 8.3069

Background



This preview shows how black text looks on a background with the YUV color 89.5280, -0.7533, 8.3069.

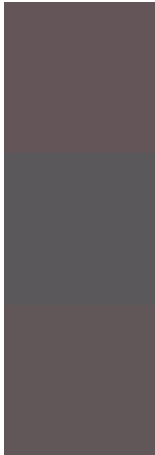


This preview shows how white text looks on a background with the YUV color 89.5280, -0.7533,

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

89.5280, -0.7533, 8.3069

Protanopia

88.8260, 0.5788, 1.0296

Deuteranopia

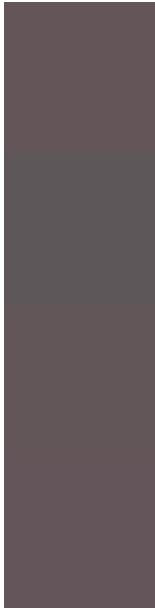
89.5170, -0.7479, 6.5626



Tritanopia

89.8700, 0.5571, 8.0070

Trichromacy



Original Color

89.5280, -0.7533, 8.3069

Protanomaly

89.0220, -0.0108, 3.4887

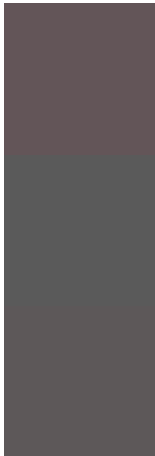
Deuteranomaly

89.8160, -0.8953, 7.1774

Tritanomaly

89.7560, 0.1203, 8.1070

Monochromacy



Original Color

89.5280, -0.7533, 8.3069

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.6090, -0.3002, 2.9739

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5280, -0.7533, 8.3069 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(99, 85, 88)` looks like.

```
.text, #text, p{  
    color:rgb(99, 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(99, 85, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 85, 88) }
```

Border

The CSS property to change the border of an element to YUV 89.5280, -0.7533, 8.3069 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(99, 85, 88) }
```


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

```
.border{ border-color:rgb(99, 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(99, 85, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 85, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 85, 88);  
box-shadow:4px 4px 4px 4px rgb(99, 85, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.5280, -0.7533, 8.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 85, 88) }
```

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

```
.background{ background-color: rgb(99, 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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