

Converting Colors

YUV(89.8330, 6.4913, -28.7945)

Have a look what the booklet for
YUV(89.8330, 6.4913, -28.7945)
contains.

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Color

**YUV(89.8330, 6.4913,
-28.7945)**

Conversions

Conversions Part 1

Format	Color
Hex	396867
RGB	57, 104, 103
RGB Percent	22%, 41%, 40%
CMY	0.7765, 0.5922, 0.5961
CMYK	0.45, 0.00, 0.01, 0.59
HSL	179°, 29%, 32%
HSV	179°, 45%, 41%
XYZ	9.0858, 11.7498, 14.6210
YIQ	89.8330, -27.6910, -10.2750

Conversions

Conversions Part 2

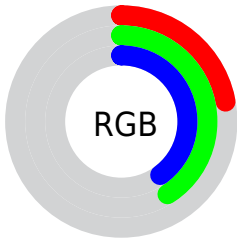
Format	Color
RYB	57, 81, 104
Decimal	3762279
CIELab	40.82, -16.28, -4.46
CIELCh	41, 16.875, 195.319
Yxy	11.7498, 0.2563, 0.3314
Android (android.graphics.Color)	4281952359 (0xFF396867)
YUV	89.8330, 6.4913, -28.7945
Hunter-Lab	34.2779, -12.6725, -1.2952

Details

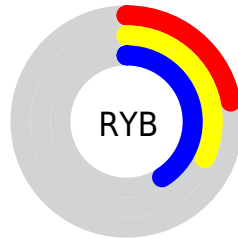
The YUV color **89.8330, 6.4913, -28.7945** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71.1670, -6.4913, 28.7945**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5340, 6.6387, -29.4093**, and **40.4410, 7.6706, -33.7128** is the 20% darker color. If you saturate the color by 10%, you get **86.8430, 7.9654, -34.9423**, and if you desaturate by 10%, it is **92.8230, 5.0173, -22.6468**.

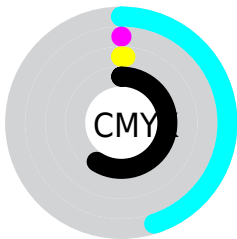
Distribution



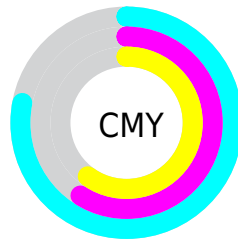
- Red (22%)
- Green (41%)
- Blue (40%)



- Red (22%)
- Yellow (32%)
- Blue (41%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (59%)



- Cyan (78%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8330, 6.4913, -28.7945 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 89.8330, 6.4913, -28.7945 by changing the saturation by 10% instead.

■ 89.8330, 6.4913,
-28.7945

■ 89.8330, 6.4913,
-28.7945

■ 255.0000, 0.0000,
0.0000

■ 65.5340, 6.6387,
-29.4093

■ 140.5340, 6.6387,
-29.4093

■ 40.4410, 7.6706,
-33.7128

■ 167.5340, 6.6387,
-29.4093

■ 24.5350, 5.1592,
-21.5172

■ 194.8220, 6.4968,
-30.5389

■ 5.0040, 3.9420,
-4.3885

■ 222.9360, 6.9336,
-30.6389

■ 0.0000, 0.0000,
0.0000

■ 243.3390, 5.7489,
-23.9763

■ 252.0100, 1.4741,

-6.1478

■ 89.8330, 6.4913,
-28.7945

■ 89.8330, 6.4913,
-28.7945

■ 86.8430, 7.9654,
-34.9423

■ 92.8230, 5.0173,
-22.6468

■ 83.5540, 9.5869,
-41.7049

■ 96.1120, 3.3958,
-15.8842

■ 80.4500, 10.6242,
-47.7526

■ 99.2160, 2.3585,
-9.8364

■ 77.1610, 12.2456,
-54.5152

■ 102.5050, 0.7370,
-3.0739

■ 74.1710, 13.7197,
-60.6630

■ 105.4950, -0.7370,
3.0739

■ 72.6760, 14.4567,
-63.7369

■ 108.4850, -2.2111,
9.2217

■ 111.8880, -3.3958,
15.8842

■ 114.8780, -4.8699,
22.0320

■ 118.1670, -6.4913,
28.7945

Harmonies

Analogous

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



91.5260, -1.2453, -20.6323



89.8330, 6.4913, -28.7945



90.6140, 12.0223, -29.4795

Triad

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



89.8330, 6.4913, -28.7945



98.0470, 8.8508, 7.8518



96.3580, -12.9945, 14.5950

Complementary

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



89.8330, 6.4913, -28.7945



71.1670, -6.4913, 28.7945

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.



97.4990, -10.1060, 21.4874



89.8330, 6.4913, -28.7945



98.5060, 2.7085, 17.9732

Square

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



89.8330, 6.4913, -28.7945



96.3980, 13.1148, -6.4880



97.8180, -3.8543, 22.9616



94.9930, -12.8145, 3.5141

Rectangle

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



89.8330, 6.4913, -28.7945



92.5160, 14.0426, -24.1315



97.8180, -3.8543, 22.9616



96.3090, -11.9843, 17.2690

Sweetspot

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



89.8330, 6.4913, -28.7945



129.3190, 2.8007, -11.6808



85.1870, -13.8962, -22.9660



65.4120, 1.7689, -7.3773



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.



89.8330, 6.4913, -28.7945



113.0590, 10.3239, -44.7787



77.0330, 13.2947, -17.5689



49.5050, 0.7370, -3.0739



80.2730, 15.6414, -70.3994



169.0720, 33.4885, -148.2761

Inverse Universe

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



71.1670, -6.4913, 28.7945



84.0550, -9.8871, 44.6788



83.9670, -13.2947, 17.5689



47.4950, -0.7370, 3.0739



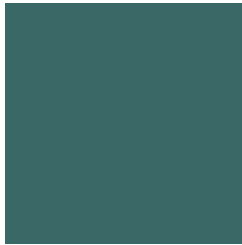
34.6130, -16.0782, 70.4994



72.9280, -33.4885, 148.2761

Previews

White Background



This preview shows how the YUV color 89.8330, 6.4913, -28.7945 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 89.8330, 6.4913, -28.7945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

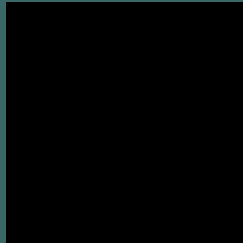
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8330, 6.4913, -28.7945

Background



This preview shows how black text looks on a background with the YUV color 89.8330, 6.4913, -28.7945.



This preview shows how white text looks on a background with the YUV color 89.8330, 6.4913,

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

89.8330, 6.4913, -28.7945

Protanopia

95.9400, 1.0156, 0.9296

Deuteranopia

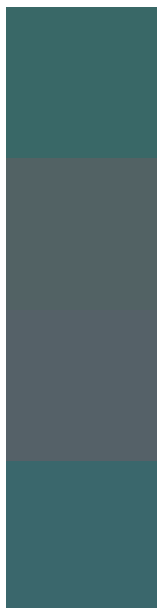
96.7600, 4.0623, 3.7185



Tritanopia

90.7560, 9.9803, -27.8500

Trichromacy



Original Color

89.8330, 6.4913, -28.7945

Protanomaly

93.4440, 3.2321, -10.0364

Deuteranomaly

94.2100, 4.8265, -8.0772

Tritanomaly

90.1150, 8.8173, -28.1649

Monochromacy



Original Color

89.8330, 6.4913, -28.7945

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9170, 2.5059, -10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8330, 6.4913, -28.7945 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(57, 104, 103)` looks like.

```
.text, #text, p{  
    color:rgb(57, 104, 103)  
}
```

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(57, 104, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 104, 103) }
```

Border

The CSS property to change the border of an element to YUV 89.8330, 6.4913, -28.7945 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(57, 104, 103) }
```


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

```
.border{ border-color:rgb(57, 104, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 104, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 104, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 104, 103);  
box-shadow:4px 4px 4px 4px rgb(57, 104,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 89.8330, 6.4913, -28.7945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 104, 103) }
```

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

```
.background{ background-color: rgb(57, 104,  
103) }
```

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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