

Converting Colors

YUV(89.6610, -2.2979, 37.1313)

Have a look what the booklet for
YUV(89.6610, -2.2979, 37.1313)
contains.

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Color

**YUV(89.6610, -2.2979,
37.1313)**

Conversions

Conversions Part 1

Format	Color
Hex	844555
RGB	132, 69, 85
RGB Percent	52%, 27%, 33%
CMY	0.4824, 0.7294, 0.6667
CMYK	0.00, 0.48, 0.36, 0.48
HSL	345°, 31%, 39%
HSV	345°, 48%, 52%
XYZ	13.2835, 9.8177, 9.7892
YIQ	89.6610, 32.4120, 18.3320

Conversions

Conversions Part 2

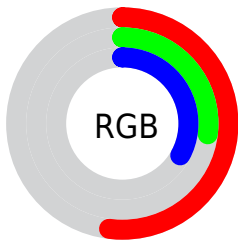
Format	Color
R_{YB}	132, 69, 85
Decimal	8668501
CIE _{Lab}	37.51, 28.81, 2.67
CIE _{LCh}	38, 28.938, 5.289
Yxy	9.8177, 0.4039, 0.2985
Android (android.graphics.Color)	4286858581 (0xFF844555)
YUV	89.6610, -2.2979, 37.1313
Hunter-Lab	31.3331, 20.8412, 3.4096

Details


The YUV color **89.6610, -2.2979, 37.1313** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **111.3390, 2.2979, -37.1313**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.1560, -3.0349, 40.2052**, and **41.3940, -0.6872, 33.8575** is the 20% darker color. If you saturate the color by 10%, you get **80.8900, -2.9038, 44.8235**, and if you desaturate by 10%, it is **98.4320, -1.6920, 29.4391**.

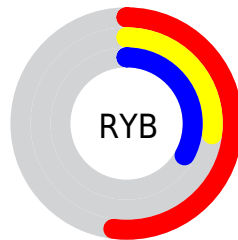
Distribution



 Red (52%)

 Green (27%)

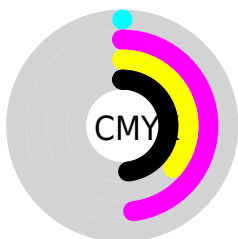
 Blue (33%)



 Red (52%)

 Yellow (27%)

 Blue (33%)

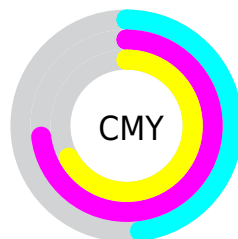



 Cyan (0%)

 Magenta (48%)

 Yellow (36%)

 Black (48%)



 Cyan (48%)

 Magenta (73%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6610, -2.2979, 37.1313 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 89.6610, -2.2979, 37.1313 by changing the saturation by 10% instead.

89.6610, -2.2979,
37.1313

89.6610, -2.2979,
37.1313

255.0000, 0.0000,
0.0000

65.1770, -1.5663,
35.8018

141.1560, -3.0349,
40.2052

41.3940, -0.6872,
33.8575

167.7540, -3.3297,
41.4347

18.7250, 0.6286,
31.8132

195.6510, -3.7719,
43.2791

9.6820, -4.2802,
19.5729

217.5680, -1.2660,
32.8279

0.0000, 0.0000,
0.0000

237.8970, 3.0088,
14.9993

■ 89.6610, -2.2979,
37.1313

■ 89.6610, -2.2979,
37.1313

■ 80.8900, -2.9038,
44.8235

■ 98.4320, -1.6920,
29.4391

■ 72.1190, -3.5097,
52.5156

■ 107.2030, -1.0861,
21.7470

■ 62.7610, -3.8262,
60.7226

■ 116.5610, -0.7696,
13.5400

■ 54.1040, -3.9953,
68.3148

■ 125.2180, -0.6005,
5.9478

■ 45.3330, -4.6012,
76.0070

■ 133.9890, 0.0054,
-1.7444

■ 43.3440, -4.6066,
77.7513

■ 142.7600, 0.6113,
-9.4365

■ 151.5310, 1.2172,
-17.1287

■ 160.8890, 1.5337,

-25.3357

■ 169.6600, 2.1396,
-33.0278

Harmonies

Analogous

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



90.7550, 8.5018, 26.5249



89.6610, -2.2979, 37.1313



88.3160, -12.4808, 36.5569

Triad

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



89.6610, -2.2979, 37.1313



83.4770, -16.9972, -8.3113



71.1720, 29.0022, -62.4178

Complementary

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



89.6610, -2.2979, 37.1313



111.3390, 2.2979, -37.1313

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.



71.2230, 21.5821, -62.4626



89.6610, -2.2979, 37.1313



78.7220, -5.2859, -31.3282

Square

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



89.6610, -2.2979, 37.1313



85.9310, -22.1510, 11.4615



69.1880, 11.2463, -60.6779



84.9750, 24.6623, -23.6571

Rectangle

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



89.6610, -2.2979, 37.1313



87.7900, -18.1375, 30.8792



69.1880, 11.2463, -60.6779



71.3030, 26.9656, -62.5327

Sweetspot

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



89.6610, -2.2979, 37.1313



154.8600, -0.9170, 14.1548



89.9360, 20.7376, 21.9811



76.9410, -0.4639, 8.8217



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



89.6610, -2.2979, 37.1313



105.1520, -3.5259, 57.7487



96.6420, -13.6275, 31.0090



61.9080, -0.4476, 3.5887



42.6320, -4.7486, 76.6217



1.0110, -0.0054, 1.7444

Inverse Universe

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



89.6610, -2.2979, 37.1313



105.1520, -3.5259, 57.7487



104.3580, 13.6275, -31.0090



61.9080, -0.4476, 3.5887



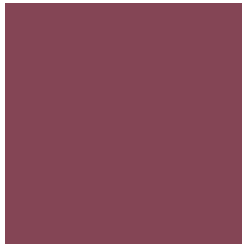
42.6320, -4.7486, 76.6217



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 89.6610, -2.2979, 37.1313 looks on a white background.

Color Contrast Check

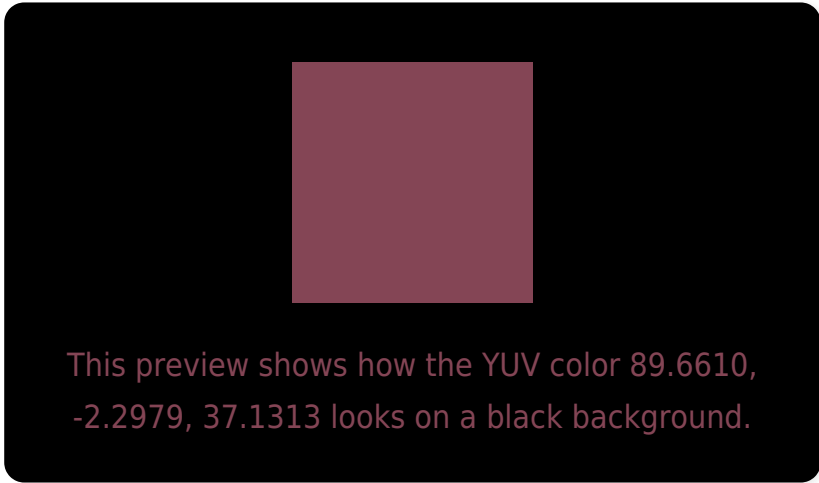
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 89.6610, -2.2979, 37.1313

Background



This preview shows how black text looks on a background with the YUV color 89.6610, -2.2979, 37.1313.



This preview shows how white text looks on a background with the YUV color 89.6610, -2.2979,

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

89.6610, -2.2979, 37.1313

Protanopia

88.9120, 3.4944, -0.7998

Deuteranopia

89.7300, -3.8109, 9.0068



Tritanopia

89.5100, -6.6604, 36.3867

Trichromacy



Original Color

89.6610, -2.2979, 37.1313

Protanomaly

89.1310, 1.4144, 13.0401

Deuteranomaly

89.9100, -3.4066, 19.3729

Tritanomaly

89.2650, -5.0606, 36.6016

Monochromacy



Original Color

89.6610, -2.2979, 37.1313

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.5610, -0.7696, 13.5400

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6610, -2.2979, 37.1313 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(132, 69, 85)` looks like.

```
.text, #text, p{  
    color:rgb(132, 69, 85)  
}
```

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(132, 69, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 69, 85) }
```

Border

The CSS property to change the border of an element to YUV 89.6610, -2.2979, 37.1313 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(132, 69, 85) }
```


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

```
.border{ border-color:rgb(132, 69, 85) }
```

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

Here you see how a box with a 4 pixel rgb(132, 69, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 69, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 69, 85);  
box-shadow:4px 4px 4px 4px rgb(132, 69,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 89.6610, -2.2979, 37.1313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 69, 85) }
```

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

```
.background{ background-color: rgb(132, 69,  
85) }
```

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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