

Converting Colors

YUV(89.6570, -6.2399, 41.5198)

Have a look what the booklet for
YUV(89.6570, -6.2399, 41.5198)
contains.

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Color

**YUV(89.6570, -6.2399,
41.5198)**

Conversions

Conversions Part 1

Format	Color
Hex	89444D
RGB	137, 68, 77
RGB Percent	54%, 27%, 30%
CMY	0.4627, 0.7333, 0.6980
CMYK	0.00, 0.50, 0.44, 0.46
HSL	352°, 34%, 40%
HSV	352°, 50%, 54%
XYZ	13.7232, 9.9884, 8.2258
YIQ	89.6570, 38.2350, 17.4270

Conversions

Conversions Part 2

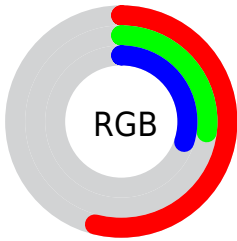
Format	Color
RYB	137, 68, 77
Decimal	8995917
CIELab	37.82, 30.32, 8.25
CIElCh	38, 31.419, 15.220
Yxy	9.9884, 0.4297, 0.3127
Android (android.graphics.Color)	4287185997 (0xFF89444D)
YUV	89.6570, -6.2399, 41.5198
Hunter-Lab	31.6045, 22.1999, 6.6915

Details

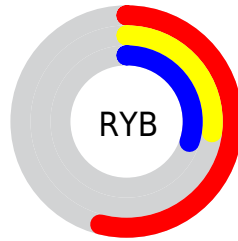
The YUV color **89.6570, -6.2399, 41.5198** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **115.3430, 6.2399, -41.5198**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.3370, -7.5611, 45.3085**, and **40.6180, -3.7557, 38.0460** is the 20% darker color. If you saturate the color by 10%, you get **80.0710, -7.4300, 49.9267**, and if you desaturate by 10%, it is **99.2430, -5.0498, 33.1129**.

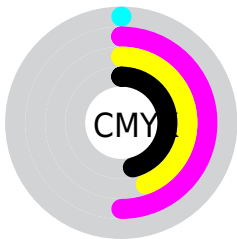
Distribution



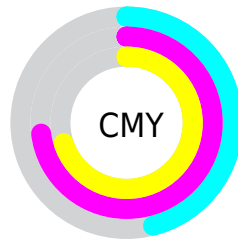
- Red (54%)
- Green (27%)
- Blue (30%)



- Red (54%)
- Yellow (27%)
- Blue (30%)



- Cyan (0%)
- Magenta (50%)
- Yellow (44%)
- Black (46%)



- Cyan (46%)
- Magenta (73%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.6570, -6.2399, 41.5198 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 89.6570, -6.2399, 41.5198 by changing the saturation by 10% instead.

89.6570, -6.2399,
41.5198

89.6570, -6.2399,
41.5198

255.0000, 0.0000,
0.0000

64.8740, -5.3609,
39.5755

141.3370, -7.5611,
45.3085

40.6180, -3.7557,
38.0460

168.2340, -8.0034,
47.1528

18.4820, -4.1816,
34.6573

195.7180, -8.7350,
48.4823

10.5790, -4.7224,
21.4172

216.5420, -5.1972,
33.7277

0.0000, 0.0000,
0.0000

236.1700, -1.0698,
16.5139

■ 89.6570, -6.2399,
41.5198

■ 89.6570, -6.2399,
41.5198

■ 80.0710, -7.4300,
49.9267

■ 99.2430, -5.0498,
33.1129

■ 71.0720, -8.9095,
57.8189

■ 108.2420, -3.5703,
25.2208

■ 61.4860, -10.0996,
66.2258

■ 117.8280, -2.3802,
16.8138

■ 51.9000, -11.2897,
74.6327

■ 127.4140, -1.1901,
8.4069

■ 43.0150, -12.3324,
82.4248

■ 137.0000, 0.0000,
0.0000

■ 145.8850, 1.0427,
-7.7921

■ 155.4710, 2.2328,
-16.1991

■ 165.0570, 3.4229,

-24.6060

■ 174.0560, 4.9024,
-32.4981

Harmonies

Analogous

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



91.1150, 5.8593, 34.1021



89.6570, -6.2399, 41.5198



88.7630, -17.1382, 37.0418

Triad

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



89.6570, -6.2399, 41.5198



82.2910, -14.9335, -16.9182



71.4970, 32.7860, -62.7029

Complementary

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



89.6570, -6.2399, 41.5198



115.3430, 6.2399, -41.5198

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.



72.8360, 25.2239, -63.8772



89.6570, -6.2399, 41.5198



73.8170, 0.5832, -47.1975

Square

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



89.6570, -6.2399, 41.5198



85.8440, -23.5871, 5.3988



71.5020, 15.0355, -62.7073



87.7310, 24.7826, -15.5501

Rectangle

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



89.6570, -6.2399, 41.5198



88.0410, -22.2052, 28.9050



71.5020, 15.0355, -62.7073



72.3290, 30.8968, -63.4325

Sweetspot

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



89.6570, -6.2399, 41.5198



160.4150, -2.6696, 16.2990



93.8060, 21.2946, 29.9881



78.0120, -1.4849, 9.6365



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



89.6570, -6.2399, 41.5198



104.8880, -9.8048, 64.9962



103.3060, -17.4059, 29.5496



64.2070, -0.5951, 4.2035



41.7050, -12.1796, 80.0657



1.6090, -0.3002, 2.9739

Inverse Universe

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



89.6570, -6.2399, 41.5198



104.8880, -9.8048, 64.9962



101.6940, 17.4059, -29.5496



64.2070, -0.5951, 4.2035



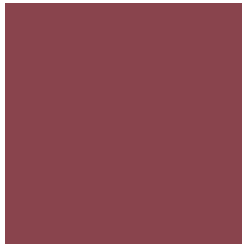
41.7050, -12.1796, 80.0657



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 89.6570, -6.2399, 41.5198 looks on a white background.

Color Contrast Check

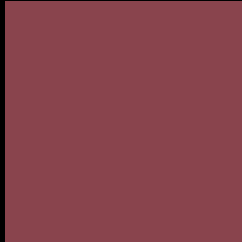
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.6570, -6.2399, 41.5198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

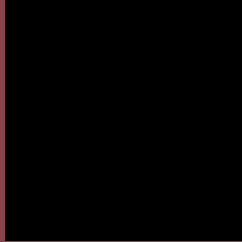
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.6570, -6.2399, 41.5198

Background



This preview shows how black text looks on a background with the YUV color 89.6570, -6.2399, 41.5198.



This preview shows how white text looks on a background with the YUV color 89.6570, -6.2399,

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

89.6570, -6.2399, 41.5198

Protanopia

89.7830, -0.8790, 1.9443

Deuteranopia

90.0140, -7.8949, 12.2657



Tritanopia

89.7880, -8.2765, 41.4049

Trichromacy



Original Color

89.6570, -6.2399, 41.5198

Protanomaly

89.4150, -2.6696, 16.2990

Deuteranomaly

89.6070, -7.2013, 23.1467

Tritanomaly

89.9020, -7.8397, 41.3049

Monochromacy



Original Color

89.6570, -6.2399, 41.5198

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8170, -2.3748, 15.0695

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.6570, -6.2399, 41.5198 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(137, 68, 77)` looks like.

```
.text, #text, p{  
    color:rgb(137, 68, 77)  
}
```

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(137, 68, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 68, 77) }
```

Border

The CSS property to change the border of an element to YUV 89.6570, -6.2399, 41.5198 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(137, 68, 77) }
```


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

```
.border{ border-color:rgb(137, 68, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 68, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 68, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 68, 77);  
box-shadow:4px 4px 4px 4px rgb(137, 68,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 89.6570, -6.2399, 41.5198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 68, 77) }
```

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

```
.background{ background-color: rgb(137, 68,  
77) }
```

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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