

Converting Colors

YUV(89.3790, 8.6872, 13.6996)

Have a look what the booklet for
YUV(89.3790, 8.6872, 13.6996)
contains.

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Color

**YUV(89.3790, 8.6872,
13.6996)**

Conversions

Conversions Part 1

Format	Color
Hex	694E6B
RGB	105, 78, 107
RGB Percent	41%, 31%, 42%
CMY	0.5882, 0.6941, 0.5804
CMYK	0.02, 0.27, 0.00, 0.58
HSL	296°, 16%, 36%
HSV	296°, 27%, 42%
XYZ	11.2039, 9.5136, 15.1557
YIQ	89.3790, 6.7830, 14.7430

Conversions

Conversions Part 2

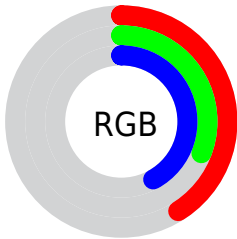
Format	Color
R_{YB}	105, 78, 107
Decimal	6901355
CIE _{Lab}	36.95, 16.90, -12.35
CIE _{LCh}	37, 20.935, 323.853
Yxy	9.5136, 0.3123, 0.2652
Android (android.graphics.Color)	4285091435 (0xFF694E6B)
YUV	89.3790, 8.6872, 13.6996
Hunter-Lab	30.8441, 10.8619, -7.5422

Details

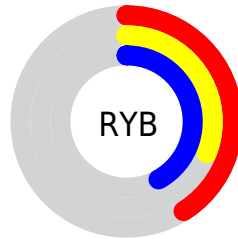
The YUV color **89.3790, 8.6872, 13.6996** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **95.6210, -8.6872, -13.6996**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5040, 9.1185, 15.3440**, and **43.2540, 8.2558, 12.0552** is the 20% darker color. If you saturate the color by 10%, you get **82.6230, 12.0179, 18.7476**, and if you desaturate by 10%, it is **96.1350, 5.3564, 8.6516**.

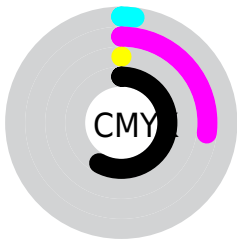
Distribution



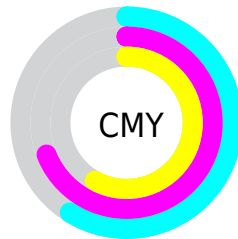
- Red (41%)
- Green (31%)
- Blue (42%)



- Red (41%)
- Yellow (31%)
- Blue (42%)



- Cyan (2%)
- Magenta (27%)
- Yellow (0%)
- Black (58%)



- Cyan (59%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3790, 8.6872, 13.6996 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 89.3790, 8.6872, 13.6996 by changing the saturation by 10% instead.

■ 89.3790, 8.6872,
13.6996

■ 89.3790, 8.6872,
13.6996

■ 255.0000, 0.0000,
0.0000

■ 65.9660, 8.3978,
13.1848

■ 139.5040, 9.1185,
15.3440

■ 43.2540, 8.2558,
12.0552

■ 165.9170, 9.4079,
15.8588

■ 21.8410, 7.9664,
11.5404

■ 193.0310, 9.8447,
15.7588

■ 2.4220, 6.6940,
-0.3701

■ 221.3300, 9.6973,
16.3736

■ 0.0000, 0.0000,
0.0000

■ 243.8470, 5.4984,
9.7812

89.3790, 8.6872,
13.6996

89.3790, 8.6872,
13.6996

82.6230, 12.0179,
18.7476

96.1350, 5.3564,
8.6516

76.7530, 14.9118,
23.8956

102.0050, 2.4625,
3.5036

69.9970, 18.2425,
28.9436

108.7610, -0.8682,
-1.5444

63.2410, 21.5732,
33.9916

115.5170, -4.1989,
-6.5924

56.4850, 24.9039,
39.0397

122.2730, -7.5296,
-11.6404

50.6150, 27.7978,
44.1876

128.1430,
-10.4235, -16.7884

43.8590, 31.1285,
49.2357


134.8990,
-13.7542, -21.8364

42.0980, 31.9967,

141.6550,

50.7801

-17.0849, -26.8844

 147.8240,
-20.1262, -31.4176

Harmonies

Analogous

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



87.8760, 14.8511, -3.3993



89.3790, 8.6872, 13.6996



88.7950, 1.0871, 24.7358

Triad

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



89.3790, 8.6872, 13.6996



86.4350, -16.4835, 13.6505



76.1240, 11.7709, -42.2047

Complementary

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



89.3790, 8.6872, 13.6996



95.6210, -8.6872, -13.6996

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.



79.2690, 1.8394, -30.0539



89.3790, 8.6872, 13.6996



84.6290, -14.1141, 0.3254

Square

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



89.3790, 8.6872, 13.6996



87.2990, -13.4584, 23.4168



82.2510, -7.5187, -15.1291



78.3400, 17.5804, -38.8862

Rectangle

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



89.3790, 8.6872, 13.6996



88.4380, -4.1599, 27.6799



82.2510, -7.5187, -15.1291



76.6360, 8.5605, -39.1458

Sweetspot

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



89.3790, 8.6872, 13.6996



133.2440, 3.3307, 5.0480



82.4800, 12.0884, -3.9290



66.8910, 2.0257, 3.6036



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



89.3790, 8.6872, 13.6996



112.1010, 13.7542, 21.8364



88.6090, 3.1508, 16.1289



50.1790, 1.8838, 2.4740



45.9290, 35.0380, 55.3133



96.1020, 73.4067, 115.6745

Inverse Universe

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



86.8990, -3.4012, 17.6286



108.0960, -5.4703, 27.9798



96.3910, -3.1508, -16.1289



49.9080, -0.4476, 3.5887



35.8950, -13.7522, 71.1291



75.1930, -28.6891, 148.9207

Previews

White Background



This preview shows how the YUV color 89.3790, 8.6872, 13.6996 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 89.3790, 8.6872, 13.6996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

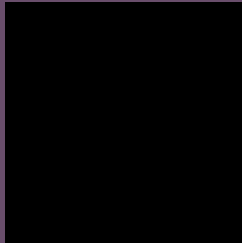
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.3790, 8.6872, 13.6996

Background



This preview shows how black text looks on a background with the YUV color 89.3790, 8.6872, 13.6996.



This preview shows how white text looks on a background with the YUV color 89.3790, 8.6872,

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

89.3790, 8.6872, 13.6996

Protanopia

87.2840, 12.6780, -6.3881

Deuteranopia

87.6930, 9.0254, -1.4848



Tritanopia

88.6640, -0.3274, 11.6957

Trichromacy



Original Color

89.3790, 8.6872, 13.6996

Protanomaly

87.9860, 11.3459, 0.8893

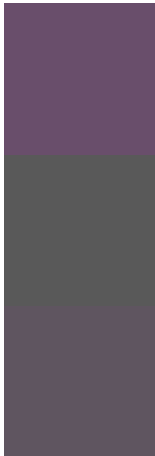
Deuteranomaly

88.0250, 8.8617, 4.3631

Tritanomaly

89.1740, 2.8722, 12.1254

Monochromacy



Original Color

89.3790, 8.6872, 13.6996

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2440, 3.3307, 5.0480

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3790, 8.6872, 13.6996 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(105, 78, 107)` looks like.

```
.text, #text, p{  
    color:rgb(105, 78, 107)  
}
```

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(105, 78, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 78, 107) }
```

Border

The CSS property to change the border of an element to YUV 89.3790, 8.6872, 13.6996 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(105, 78, 107) }
```


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

```
.border{ border-color:rgb(105, 78, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 78, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 78, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 78, 107); box-shadow:4px 4px 4px 4px rgb(105, 78, 107) }
```

Background

The CSS property to change the background color of an element to YUV 89.3790, 8.6872, 13.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 78, 107) }
```

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

```
.background{ background-color: rgb(105, 78,  
107) }
```

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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