

Converting Colors

YUV(82.7810, 8.9820, 12.4701)

Have a look what the booklet for
YUV(82.7810, 8.9820, 12.4701)
contains.

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Color

**YUV(82.7810, 8.9820,
12.4701)**

Conversions

Conversions Part 1

Format	Color
Hex	614865
RGB	97, 72, 101
RGB Percent	38%, 28%, 40%
CMY	0.6196, 0.7176, 0.6039
CMYK	0.04, 0.29, 0.00, 0.60
HSL	292°, 17%, 34%
HSV	292°, 29%, 40%
XYZ	9.5961, 8.1157, 13.3726
YIQ	82.7810, 5.5910, 14.3190

Conversions

Conversions Part 2

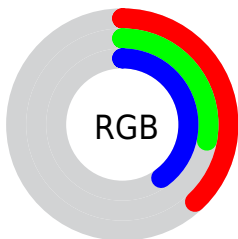
Format	Color
RYB	97, 72, 101
Decimal	6375525
CIELab	34.22, 16.34, -12.82
CIElCh	34, 20.774, 321.882
Yxy	8.1157, 0.3087, 0.2611
Android (android.graphics.Color)	4284565605 (0xFF614865)
YUV	82.7810, 8.9820, 12.4701
Hunter-Lab	28.4881, 10.2729, -7.8898

Details

The YUV color **82.7810, 8.9820, 12.4701** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **90.2190, -8.9820, -12.4701**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.6070, 9.5607, 13.4997**, and **37.5420, 8.1138, 10.9257** is the 20% darker color. If you saturate the color by 10%, you get **76.6120, 12.0233, 17.0033**, and if you desaturate by 10%, it is **88.9500, 5.9406, 7.9368**.

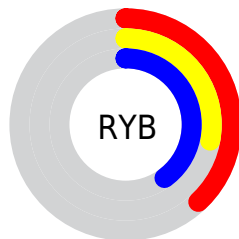
Distribution



Red (38%)

Green (28%)

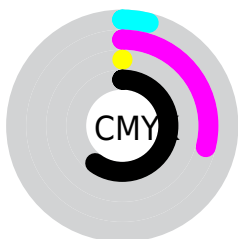
Blue (40%)



Red (38%)

Yellow (28%)

Blue (40%)

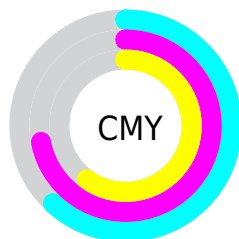


Cyan (4%)

Magenta (29%)

Yellow (0%)

Black (60%)



Cyan (62%)

Magenta (72%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.7810, 8.9820, 12.4701 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 82.7810, 8.9820, 12.4701 by changing the saturation by 10% instead.

82.7810, 8.9820,
12.4701

82.7810, 8.9820,
12.4701

255.0000, 0.0000,
0.0000

59.3680, 8.6926,
11.9553

132.6070, 9.5607,
13.4997

37.5420, 8.1138,
10.9257

159.0200, 9.8501,
14.0145

15.0800, 8.8346,
13.0848

185.4330, 10.1395,
14.5293

0.7980, 3.0576,
-0.6998

213.4330, 10.1395,
14.5293

0.0000, 0.0000,
0.0000

239.7380, 7.5242,
13.3848

■ 82.7810, 8.9820,
12.4701

■ 82.7810, 8.9820,
12.4701

■ 76.6120, 12.0233,
17.0033

■ 88.9500, 5.9406,
7.9368

■ 70.1440, 15.2120,
20.9217

■ 95.4180, 2.7519,
4.0184

■ 63.9750, 18.2533,
25.4549

■ 101.5870, -0.2894,
-0.5148

■ 57.5070, 21.4420,
29.3734

■ 108.0550, -3.4781,
-4.4332

■ 51.3380, 24.4834,
33.9066

■ 114.8110, -6.8088,
-9.4812

■ 44.5820, 27.8141,
38.9546

■ 120.9800, -9.8501,
-14.0145

■ 38.1140, 31.0028,
42.8730

■ 127.4480,
-13.0389, -17.9329

■ 37.5270, 31.2922,

■ 133.6170,

43.3878

-16.0802, -22.4661

 140.0850,
-19.2689, -26.3845

Harmonies

Analogous

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



81.1640, 14.7091, -4.5288



82.7810, 8.9820, 12.4701



82.6100, 1.6713, 24.0210

Triad

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



82.7810, 8.9820, 12.4701



79.9620, -15.7573, 14.0653



68.7110, 11.4815, -42.7195

Complementary

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



82.7810, 8.9820, 12.4701



90.2190, -8.9820, -12.4701

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.



72.7530, 1.1078, -28.7244



82.7810, 8.9820, 12.4701



77.9280, -14.2615, 0.9401

Square

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



82.7810, 8.9820, 12.4701



80.8260, -12.7322, 23.8316



75.8490, -7.8136, -13.8996



70.3290, 17.5858, -40.6305

Rectangle

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



82.7810, 8.9820, 12.4701



82.1390, -4.0125, 27.0651



75.8490, -7.8136, -13.8996



69.9350, 8.4130, -38.5310

Sweetspot

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



82.7810, 8.9820, 12.4701



122.3580, 3.7675, 4.9480



77.6540, 11.5096, -4.9586



61.5920, 2.1731, 2.9888



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



82.7810, 8.9820, 12.4701



102.3780, 13.6176, 18.9625



82.8370, 4.0244, 15.9290



47.7660, 1.5944, 1.9592



42.7110, 35.6385, 49.3655



90.0790, 74.8971, 104.2937

Inverse Universe

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



81.1270, -2.5276, 17.4286



99.8400, -3.8651, 26.4503



90.1630, -4.0244, -15.9290



47.6090, -0.3002, 2.9739



36.2090, -9.9630, 69.0997



76.1200, -21.2582, 145.4768

Previews

White Background



This preview shows how the YUV color 82.7810, 8.9820, 12.4701 looks on a white background.

Color Contrast Check

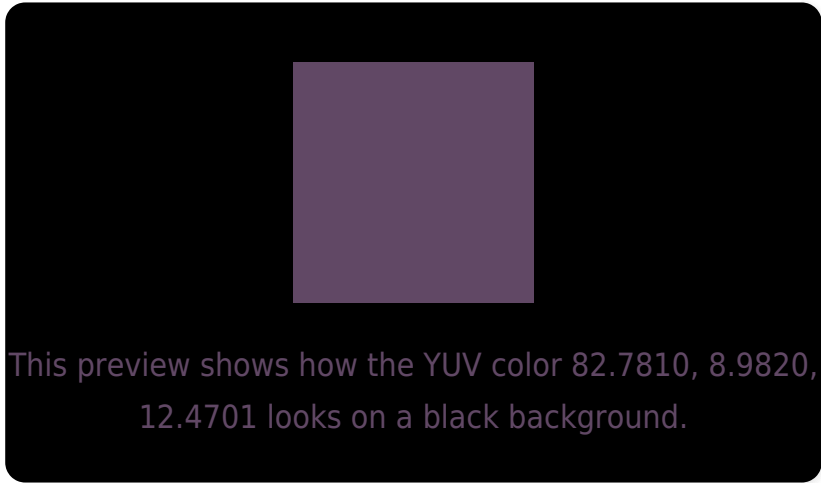
Large Text (above 18pt) WCAG AA ✓ Pass

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

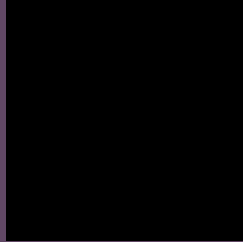
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.7810, 8.9820, 12.4701

Background



This preview shows how black text looks on a background with the YUV color 82.7810, 8.9820, 12.4701.



This preview shows how white text looks on a background with the YUV color 82.7810, 8.9820,

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

82.7810, 8.9820, 12.4701

Protanopia

80.9850, 12.8254, -7.0028

Deuteranopia

81.3940, 9.1728, -2.0995



Tritanopia

82.0660, -0.0325, 10.4661

Trichromacy



Original Color

82.7810, 8.9820, 12.4701

Protanomaly

81.6870, 11.4933, 0.2745

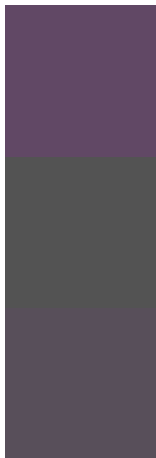
Deuteranomaly

81.7260, 9.0091, 3.7483

Tritanomaly

82.5760, 3.1670, 10.8958

Monochromacy



Original Color

82.7810, 8.9820, 12.4701

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9450, 3.4781, 4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.7810, 8.9820, 12.4701 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(97, 72, 101)` looks like.

```
.text, #text, p{  
    color:rgb(97, 72, 101)  
}
```

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(97, 72, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 72, 101) }
```

Border

The CSS property to change the border of an element to YUV 82.7810, 8.9820, 12.4701 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(97, 72, 101) }
```


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

```
.border{ border-color:rgb(97, 72, 101) }
```

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

Here you see how a box with a 4 pixel rgb(97, 72, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 72, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 72, 101);  
box-shadow:4px 4px 4px 4px rgb(97, 72,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 82.7810, 8.9820, 12.4701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 72, 101) }
```

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

```
.background{ background-color: rgb(97, 72,  
101) }
```

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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