

Converting Colors

YUV(104.8610, 14.3655,
12.3999)

Have a look what the booklet for
YUV(104.8610, 14.3655, 12.3999)
contains.

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Color

**YUV(104.8610, 14.3655,
12.3999)**

Conversions

Conversions Part 1

Format	Color
Hex	775C86
RGB	119, 92, 134
RGB Percent	47%, 36%, 53%
CMY	0.5333, 0.6392, 0.4745
CMYK	0.11, 0.31, 0.00, 0.47
HSL	279°, 19%, 44%
HSV	279°, 31%, 53%
XYZ	15.7380, 13.2975, 24.2914
YIQ	104.8610, 2.6100, 18.7860

Conversions

Conversions Part 2

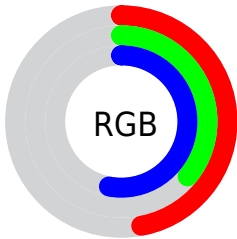
Format	Color
R_{YB}	119, 92, 134
Decimal	7822470
CIE Lab	43.21, 19.35, -19.22
CIE LCh	43, 27.275, 315.204
Yxy	13.2975, 0.2951, 0.2494
Android (android.graphics.Color)	4286012550 (0xFF775C86)
YUV	104.8610, 14.3655, 12.3999
Hunter-Lab	36.4657, 13.2226, -13.9698

Details

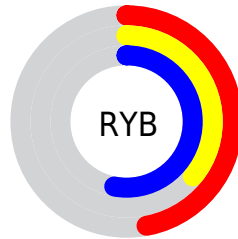
The YUV color **104.8610, 14.3655, 12.3999** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **121.1390, -14.3655, -12.3999**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6870, 14.9443, 13.4295**, and **57.5080, 13.0606, 10.9555** is the 20% darker color. If you saturate the color by 10%, you get **95.7350, 18.8646, 16.0184**, and if you desaturate by 10%, it is **113.9870, 9.8664, 8.7814**.

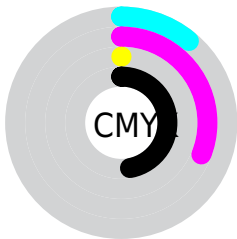
Distribution



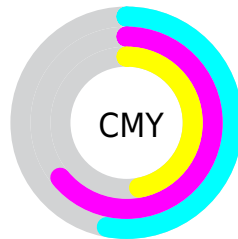
- Red (47%)
- Green (36%)
- Blue (53%)



- Red (47%)
- Yellow (36%)
- Blue (53%)



- Cyan (11%)
- Magenta (31%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8610, 14.3655, 12.3999 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 104.8610, 14.3655, 12.3999 by changing the saturation by 10% instead.

■ 104.8610, 14.3655,
12.3999

■ 104.8610, 14.3655,
12.3999

■ 255.0000, 0.0000,
0.0000

■ 80.4480, 14.0761,
11.8851

■ 156.6870, 14.9443,
13.4295

■ 57.5080, 13.0606,
10.9555

■ 183.2140, 15.6705,
13.8443

■ 35.0950, 12.7712,
10.4407

■ 210.7410, 16.3967,
14.2591

■ 12.5190, 13.0551,
12.6998

■ 236.8030, 8.9711,
15.9588

■ 2.5250, 7.1362,
-2.2144

■ 253.8260, 0.5788,
1.0296

■ 0.0000, 0.0000,
0.0000

104.8610, 14.3655,
12.3999

104.8610, 14.3655,
12.3999

95.7350, 18.8646,
16.0184

113.9870, 9.8664,
8.7814

86.0220, 23.6532,
20.1517

123.7000, 5.0779,
4.6481

77.1950, 28.0049,
24.3850

132.5270, 0.7262,
0.4148

67.4820, 32.7934,
28.5183

142.2400, -4.0623,
-3.7185

58.3560, 37.2925,
32.1368

151.3660, -8.5614,
-7.3370

49.2300, 41.7916,
35.7553


160.4920,
-13.0606, -10.9555

40.9900, 45.8539,
39.4738

170.2050,
-17.8491, -15.0888

179.0320,

-22.2008, -19.3221

 188.7450,
-26.9893, -23.4554

Harmonies

Analogous

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



101.5420, 21.4248, -11.8763



104.8610, 14.3655, 12.3999



105.0390, 4.4178, 29.7838

Triad

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



104.8610, 14.3655, 12.3999



101.2250, -21.3099, 21.7277



82.4910, 15.0409, -64.4516

Complementary

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



104.8610, 14.3655, 12.3999



121.1390, -14.3655, -12.3999

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.



91.5410, -0.7597, -36.4315



104.8610, 14.3655, 12.3999



99.0550, -20.2401, 5.2138

Square

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



104.8610, 14.3655, 12.3999



102.4960, -15.5275, 33.7680



96.3560, -13.4865, -14.3442



80.9060, 25.6823, -70.9546

Rectangle

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



104.8610, 14.3655, 12.3999



103.9490, -2.4399, 36.0017



96.3560, -13.4865, -14.3442



86.6620, 9.0406, -53.2006

Sweetspot

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



104.8610, 14.3655, 12.3999



162.7000, 5.0779, 4.6481



105.5930, 14.0047, -11.9211



79.9340, 3.4835, 2.6889



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.



104.8610, 14.3655, 12.3999



127.9680, 22.2008, 19.3221



108.6620, 9.5336, 22.2214



61.8800, 2.0312, 1.8592



39.9360, 44.4016, 38.6441



0.9400, 1.0156, 0.9296

Inverse Universe

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



106.2680, 0.3609, 24.3210



130.0570, 0.4649, 37.6610



117.3380, -9.5336, -22.2214



62.0220, -0.0108, 3.4887



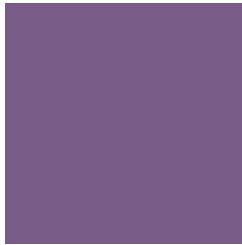
44.1140, 0.9298, 75.3220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 104.8610, 14.3655, 12.3999 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 104.8610, 14.3655, 12.3999 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 104.8610, 14.3655, 12.3999

Background



This preview shows how black text looks on a background with the YUV color 104.8610, 14.3655, 12.3999.



This preview shows how white text looks on a background with the YUV color 104.8610, 14.3655, 12.3999.

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

104.8610, 14.3655, 12.3999

Protanopia

102.2710, 19.0934, -10.7617

Deuteranopia

102.4520, 14.5672, -5.6584



Tritanopia

103.8810, 0.5517, 9.7514

Trichromacy



Original Color

104.8610, 14.3655, 12.3999

Protanomaly

103.4570, 17.0297, -2.1548

Deuteranomaly

103.1970, 14.6929, 0.7042

Tritanomaly

104.2600, 5.7878, 10.2960

Monochromacy



Original Color

104.8610, 14.3655, 12.3999

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8140, 5.5147, 4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8610, 14.3655, 12.3999 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(119, 92, 134)` looks like.

```
.text, #text, p{  
    color:rgb(119, 92, 134)  
}
```

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(119, 92, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 92, 134) }
```

Border

The CSS property to change the border of an element to YUV 104.8610, 14.3655, 12.3999 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(119, 92, 134) }
```


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

```
.border{ border-color:rgb(119, 92, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 92, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 92, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 92, 134);  
box-shadow:4px 4px 4px 4px rgb(119, 92,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 104.8610, 14.3655, 12.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 92, 134) }
```

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

```
.background{ background-color: rgb(119, 92,  
134) }
```

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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