

Converting Colors

YUV(94.9290, 4.4720, 12.3403)

Have a look what the booklet for
YUV(94.9290, 4.4720, 12.3403)
contains.

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Color

**YUV(94.9290, 4.4720,
12.3403)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5668
RGB	109, 86, 104
RGB Percent	43%, 34%, 41%
CMY	0.5725, 0.6627, 0.5922
CMYK	0.00, 0.21, 0.05, 0.57
HSL	313°, 12%, 38%
HSV	313°, 21%, 43%
XYZ	12.1332, 10.9063, 14.5623
YIQ	94.9290, 7.9300, 10.4740

Conversions

Conversions Part 2

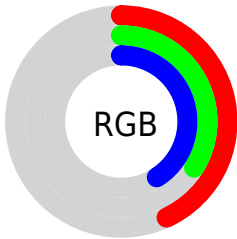
Format	Color
RYB	109, 86, 104
Decimal	7165544
CIELab	39.42, 12.87, -6.72
CIELCh	39, 14.519, 332.413
Yxy	10.9063, 0.3227, 0.2900
Android (android.graphics.Color)	4285355624 (0xFF6D5668)
YUV	94.9290, 4.4720, 12.3403
Hunter-Lab	33.0246, 7.7873, -3.0269

Details

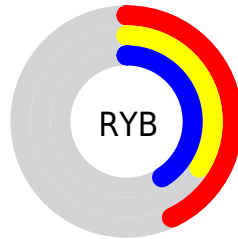
The YUV color **94.9290, 4.4720, 12.3403** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **100.0710, -4.4720, -12.3403**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.6410, 4.6140, 13.4698**, and **48.8040, 4.0406, 10.6959** is the 20% darker color. If you saturate the color by 10%, you get **88.2440, 6.7817, 18.2030**, and if you desaturate by 10%, it is **101.6140, 2.1623, 6.4775**.

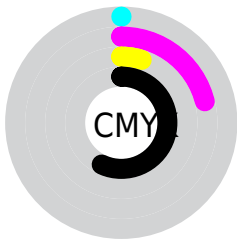
Distribution



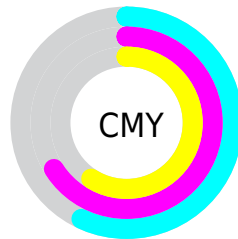
- Red (43%)
- Green (34%)
- Blue (41%)



- Red (43%)
- Yellow (34%)
- Blue (41%)



- Cyan (0%)
- Magenta (21%)
- Yellow (5%)
- Black (57%)



- Cyan (57%)
- Magenta (66%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.9290, 4.4720, 12.3403 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 94.9290, 4.4720, 12.3403 by changing the saturation by 10% instead.

■ 94.9290, 4.4720,
12.3403

■ 94.9290, 4.4720,
12.3403

■ 255.0000, 0.0000,
0.0000

■ 71.5160, 4.1826,
11.8255

■ 145.6410, 4.6140,
13.4698

■ 48.8040, 4.0406,
10.6959

■ 172.0540, 4.9034,
13.9846

■ 27.3910, 3.7512,
10.1811

■ 199.4670, 5.1928,
14.4994

■ 6.9780, 3.4618,
9.6663

■ 227.4670, 5.1928,
14.4994

■ 0.0000, 0.0000,
0.0000

■ 249.7170, 2.6045,
4.6332

■ 94.9290, 4.4720,
12.3403

■ 94.9290, 4.4720,
12.3403

■ 88.2440, 6.7817,
18.2030

■ 101.6140, 2.1623,
6.4775

■ 81.4450, 8.6546,
24.1657

■ 108.4130, 0.2894,
0.5148

■ 74.7600, 10.9643,
30.0285

■ 115.0980, -2.0203,
-5.3479

■ 68.0750, 13.2740,
35.8912

■ 121.7830, -4.3300,
-11.2107

■ 61.8630, 14.8575,
41.3391

■ 128.5820, -6.2029,
-17.1734

■ 55.1780, 17.1672,
47.2019

■ 134.6800, -8.2232,
-22.5214

■ 48.3790, 19.0402,
53.1646


■ 141.4790,
-10.0961, -28.4841

■ 42.2810, 21.0605,

■ 148.1640,

58.5126

-12.4059, -34.3468

 154.8490,
-14.7156, -40.2096

Harmonies

Analogous

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



94.4160, 9.1619, 1.3892



94.9290, 4.4720, 12.3403



94.4800, -1.2226, 18.8730

Triad

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



94.9290, 4.4720, 12.3403



92.0690, -11.3730, 7.8325



87.7240, 8.5171, -25.1909

Complementary

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



94.9290, 4.4720, 12.3403



100.0710, -4.4720, -12.3403

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.



88.1390, 2.3965, -22.0469



94.9290, 4.4720, 12.3403



90.9860, -8.8671, -2.6187

Square

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



94.9290, 4.4720, 12.3403



93.0530, -10.3791, 15.7395



89.5870, -3.7404, -13.6698



89.5550, 11.5584, -20.6577

Rectangle

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



94.9290, 4.4720, 12.3403



94.4540, -5.1538, 19.7728



89.5870, -3.7404, -13.6698



87.5670, 6.6225, -24.1763

Sweetspot

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



94.9290, 4.4720, 12.3403



137.4890, 1.7309, 4.8331



90.1170, 9.3093, 0.7744



67.9510, 1.0102, 2.6740



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.



94.9290, 4.4720, 12.3403



120.9560, 6.9237, 19.3326



93.6750, -0.3328, 13.4400



50.2500, 0.8628, 3.2887



45.4710, 22.9388, 62.7309



95.1430, 47.7505, 131.4246

Inverse Universe

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



94.9290, 4.4720, 12.3403



120.9560, 6.9237, 19.3326



101.3250, 0.3328, -13.4400



50.2500, 0.8628, 3.2887



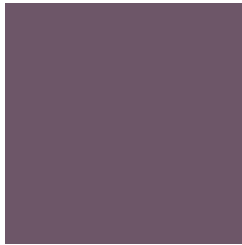
45.4710, 22.9388, 62.7309



95.1430, 47.7505, 131.4246

Previews

White Background



This preview shows how the YUV color 94.9290, 4.4720, 12.3403 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 94.9290, 4.4720, 12.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

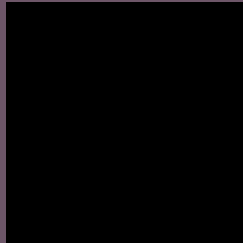
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.9290, 4.4720, 12.3403

Background



This preview shows how black text looks on a background with the YUV color 94.9290, 4.4720, 12.3403.



This preview shows how white text looks on a background with the YUV color 94.9290, 4.4720,

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

94.9290, 4.4720, 12.3403

Protanopia

93.2260, 7.2836, -2.8292

Deuteranopia

94.1620, 4.3571, 2.4889



Tritanopia

94.6640, -0.3274, 11.6957

Trichromacy



Original Color

94.9290, 4.4720, 12.3403

Protanomaly

94.0310, 6.3937, 2.6038

Deuteranomaly

94.1840, 4.3463, 5.9776

Tritanomaly

94.5330, 1.7092, 11.8106

Monochromacy



Original Color

94.9290, 4.4720, 12.3403

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0760, 1.4415, 4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9290, 4.4720, 12.3403 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(109, 86, 104)` looks like.

```
.text, #text, p{  
    color:rgb(109, 86, 104)  
}
```

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(109, 86, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 86, 104) }
```

Border

The CSS property to change the border of an element to YUV 94.9290, 4.4720, 12.3403 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(109, 86, 104) }
```


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

```
.border{ border-color:rgb(109, 86, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 86, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 86, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 86, 104);  
box-shadow:4px 4px 4px 4px rgb(109, 86,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 94.9290, 4.4720, 12.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 86, 104) }
```

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

```
.background{ background-color: rgb(109, 86,  
104) }
```

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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