

Converting Colors

YUV(94.8710, 2.5286, 29.0541)

Have a look what the booklet for
YUV(94.8710, 2.5286, 29.0541)
contains.

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Color

**YUV(94.8710, 2.5286,
29.0541)**

Conversions

Conversions Part 1

Format	Color
Hex	804D64
RGB	128, 77, 100
RGB Percent	50%, 30%, 39%
CMY	0.4980, 0.6980, 0.6078
CMYK	0.00, 0.40, 0.22, 0.50
HSL	333°, 25%, 40%
HSV	333°, 40%, 50%
XYZ	13.8562, 10.8170, 13.4142
YIQ	94.8710, 23.0130, 17.9650

Conversions

Conversions Part 2

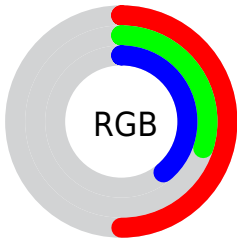
Format	Color
R_{YB}	128, 77, 100
Decimal	8408420
CIE _{Lab}	39.27, 24.92, -4.22
CIE _{LCh}	39, 25.271, 350.380
Yxy	10.8170, 0.3638, 0.2840
Android (android.graphics.Color)	4286598500 (0xFF804D64)
YUV	94.8710, 2.5286, 29.0541
Hunter-Lab	32.8893, 17.6456, -1.1595

Details

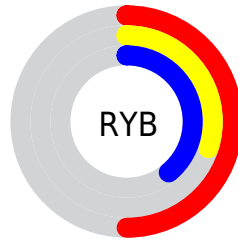
The YUV color **94.8710, 2.5286, 29.0541** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **110.1290, -2.5286, -29.0541**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1810, 2.3758, 31.4133**, and **47.2620, 2.8288, 26.0802** is the 20% darker color. If you saturate the color by 10%, you get **86.4420, 3.2331, 36.4464**, and if you desaturate by 10%, it is **103.3000, 1.8241, 21.6619**.

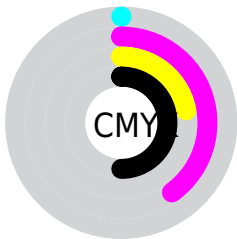
Distribution



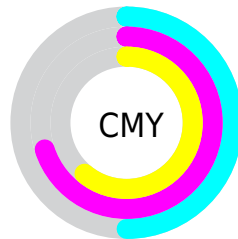
- Red (50%)
- Green (30%)
- Blue (39%)



- Red (50%)
- Yellow (30%)
- Blue (39%)



- Cyan (0%)
- Magenta (40%)
- Yellow (22%)
- Black (50%)



- Cyan (50%)
- Magenta (70%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.8710, 2.5286, 29.0541 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 94.8710, 2.5286, 29.0541 by changing the saturation by 10% instead.

■ 94.8710, 2.5286,
29.0541

■ 94.8710, 2.5286,
29.0541

■ 255.0000, 0.0000,
0.0000

■ 70.2730, 2.8234,
27.8246

■ 146.1810, 2.3758,
31.4133

■ 47.2620, 2.8288,
26.0802

■ 172.7790, 2.0810,
32.6428

■ 24.1910, 3.8498,
25.2655

■ 200.4910, 2.2229,
33.7724

■ 11.0780, -1.5175,
20.1026

■ 224.9030, 3.9918,
26.3951

■ 0.0000, 0.0000,
0.0000

■ 243.8470, 5.4984,
9.7812

■ 94.8710, 2.5286,
29.0541

■ 94.8710, 2.5286,
29.0541

■ 86.4420, 3.2331,
36.4464

■ 103.3000, 1.8241,
21.6619

■ 78.0130, 3.9376,
43.8386

■ 111.7290, 1.1196,
14.2697

■ 70.1710, 4.3527,
50.7160

■ 119.5710, 0.7045,
7.3922

■ 61.7420, 5.0572,
58.1083

■ 128.0000, 0.0000,
0.0000

■ 53.3130, 5.7617,
65.5005

■ 136.4290, -0.7045,
-7.3922

■ 44.8840, 6.4662,
72.8927

■ 144.8580, -1.4090,
-14.7845

■ 153.2870, -2.1135,
-22.1767

■ 161.1290, -2.5286,

-29.0541

■ 169.5580, -3.2331,
-36.4464

Harmonies

Analogous

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



95.1880, 11.7393, 14.7441



94.8710, 2.5286, 29.0541



93.6730, -7.2338, 33.6128

Triad

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



94.8710, 2.5286, 29.0541



89.9020, -18.1927, 1.8399



74.6190, 24.3448, -61.9329

Complementary

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



94.8710, 2.5286, 29.0541



110.1290, -2.5286, -29.0541

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.



73.1430, 16.1985, -62.3924



94.8710, 2.5286, 29.0541



86.5560, -10.1341, -16.2736

Square

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



94.8710, 2.5286, 29.0541



91.6590, -19.5519, 17.8391



82.1110, 1.4243, -36.9313



87.0510, 22.6529, -32.4937

Rectangle

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



94.8710, 2.5286, 29.0541



93.1690, -12.9013, 31.4238



82.1110, 1.4243, -36.9313



73.3260, 22.0243, -64.3069

Sweetspot

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



94.8710, 2.5286, 29.0541



153.0060, 0.9830, 11.3957



90.8870, 18.2967, 11.5001



76.2720, 0.8519, 6.7775



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



94.8710, 2.5286, 29.0541



114.0240, 3.9322, 45.5830



93.4230, -8.0965, 30.3240



59.4350, 0.2785, 4.0035



44.8840, 6.4662, 72.8927



0.0000, 0.0000, 0.0000

Inverse Universe

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



94.8710, 2.5286, 29.0541



114.0240, 3.9322, 45.5830



111.5770, 8.0965, -30.3240



59.4350, 0.2785, 4.0035



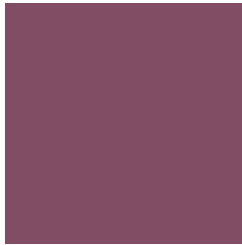
44.8840, 6.4662, 72.8927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 94.8710, 2.5286, 29.0541 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 94.8710, 2.5286, 29.0541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

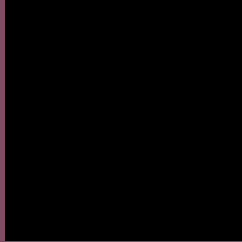
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.8710, 2.5286, 29.0541

Background



This preview shows how black text looks on a background with the YUV color 94.8710, 2.5286, 29.0541.



This preview shows how white text looks on a background with the YUV color 94.8710, 2.5286, 29.0541.

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

94.8710, 2.5286, 29.0541

Protanopia

93.1550, 8.3046, -3.6439

Deuteranopia

93.9020, 2.0203, 5.3479



Tritanopia

94.4380, -4.1599, 27.6799

Trichromacy



Original Color

94.8710, 2.5286, 29.0541

Protanomaly

93.9500, 5.9407, 7.9369

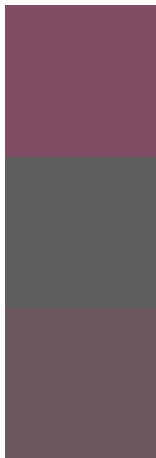
Deuteranomaly

94.0710, 2.4300, 13.9697

Tritanomaly

94.7200, -1.8340, 28.3096

Monochromacy



Original Color

94.8710, 2.5286, 29.0541

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.7070, 1.1304, 10.7810

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8710, 2.5286, 29.0541 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(128, 77, 100)` looks like.

```
.text, #text, p{  
    color:rgb(128, 77, 100)  
}
```

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(128, 77, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 77, 100) }
```

Border

The CSS property to change the border of an element to YUV 94.8710, 2.5286, 29.0541 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(128, 77, 100) }
```


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

```
.border{ border-color:rgb(128, 77, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 77, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 77, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 77, 100);  
box-shadow:4px 4px 4px 4px rgb(128, 77,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 94.8710, 2.5286, 29.0541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 77, 100) }
```

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

```
.background{ background-color: rgb(128, 77,  
100) }
```

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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