

Converting Colors

YUV(103.8020, 10.4506, 8.0666)

Have a look what the booklet for
YUV(103.8020, 10.4506, 8.0666)
contains.

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Color

**YUV(103.8020, 10.4506,
8.0666)**

Conversions

Conversions Part 1

Format	Color
Hex	715F7D
RGB	113, 95, 125
RGB Percent	44%, 37%, 49%
CMY	0.5569, 0.6275, 0.5098
CMYK	0.10, 0.24, 0.00, 0.51
HSL	276°, 14%, 43%
HSV	276°, 24%, 49%
XYZ	14.6039, 13.1758, 21.1755
YIQ	103.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

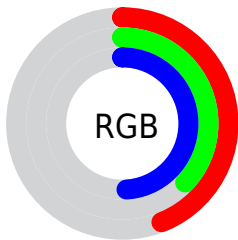
Format	Color
R_{YB}	113, 95, 125
Decimal	7430013
CIE _{Lab}	43.03, 13.38, -14.10
CIE _{LCh}	43, 19.438, 313.482
Yxy	13.1758, 0.2983, 0.2691
Android (android.graphics.Color)	4285620093 (0xFF715F7D)
YUV	103.8020, 10.4506, 8.0666
Hunter-Lab	36.2985, 8.2934, -9.1792

Details

The YUV color **103.8020, 10.4506, 8.0666** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **116.1980, -10.4506, -8.0666**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3290, 11.1768, 8.4815**, and **56.8620, 9.4350, 7.1370** is the 20% darker color. If you saturate the color by 10%, you get **94.6760, 14.9497, 11.6851**, and if you desaturate by 10%, it is **112.9280, 5.9515, 4.4481**.

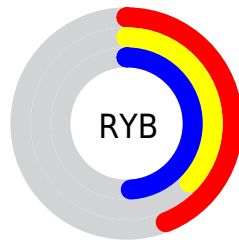
Distribution



Red (44%)

Green (37%)

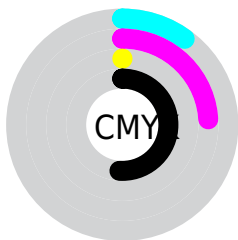
Blue (49%)



Red (44%)

Yellow (37%)

Blue (49%)

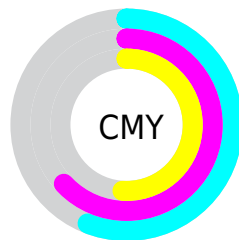


Cyan (10%)

Magenta (24%)

Yellow (0%)

Black (51%)



Cyan (56%)

Magenta (63%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.8020, 10.4506, 8.0666 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 103.8020, 10.4506, 8.0666 by changing the saturation by 10% instead.

■ 103.8020, 10.4506,
8.0666

■ 103.8020, 10.4506,
8.0666

■ 255.0000, 0.0000,
0.0000

■ 79.3890, 10.1612,
7.5518

■ 155.3290, 11.1768,
8.4815

■ 56.8620, 9.4350,
7.1370

■ 181.7420, 11.4662,
8.9963

■ 35.0360, 8.8563,
6.1074

■ 209.1550, 11.7556,
9.5111

■ 11.6990, 10.0084,
9.9110

■ 237.3570, 8.6980,
10.2109

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

103.8020, 10.4506,
8.0666

103.8020, 10.4506,
8.0666

94.6760, 14.9497,
11.6851

112.9280, 5.9515,
4.4481

86.1370, 19.1595,
14.7889

121.4670, 1.7418,
1.3444

77.0110, 23.6586,
18.4074

130.5930, -2.7573,
-2.2741

68.4720, 27.8683,
21.5111

139.1320, -6.9671,
-5.3778

59.9330, 32.0780,
24.6148

148.2580,
-11.4662, -8.9963

50.8070, 36.5771,
28.2333

156.7970,
-15.6759, -12.1000

42.2680, 40.7869,
31.3370


165.3360,
-19.8856, -15.2037

36.6750, 43.5442,

174.4620,

33.6110

-24.3848, -18.8222

 183.5880,
-28.8839, -22.4407

Harmonies

Analogous

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



101.9570, 15.3042, -8.7323



103.8020, 10.4506, 8.0666



104.3430, 3.2819, 20.7472

Triad

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



103.8020, 10.4506, 8.0666



101.7990, -15.1839, 16.8393



94.0280, 7.3812, -34.2276

Complementary

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



103.8020, 10.4506, 8.0666



116.1980, -10.4506, -8.0666

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.



95.6890, -1.8187, -23.4063



103.8020, 10.4506, 8.0666



100.1350, -14.8566, 5.1436

Square

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



103.8020, 10.4506, 8.0666



102.8800, -11.2798, 24.6612



98.0130, -9.8664, -8.7814



93.8520, 14.3700, -35.8272

Rectangle

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



103.8020, 10.4506, 8.0666



103.9970, -1.9705, 25.4356



98.0130, -9.8664, -8.7814



94.5400, 4.1708, -31.1686

Sweetspot

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



103.8020, 10.4506, 8.0666



155.3470, 3.7729, 3.2037



105.4640, 9.6312, -9.1769



76.9940, 2.4680, 1.7593



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



103.8020, 10.4506, 8.0666



129.7300, 16.4021, 12.5148



107.0480, 7.3713, 15.7439



58.9940, 2.4680, 1.7593



37.6150, 44.5598, 34.5406



0.0000, 0.0000, 0.0000

Inverse Universe

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



105.3380, 0.8194, 17.2436



132.2190, 1.3710, 26.9949



112.9520, -7.3713, -15.7439



59.4350, 0.2785, 4.0035



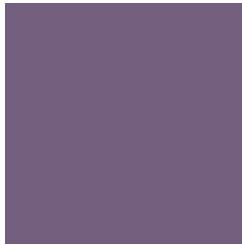
44.0860, 3.4086, 73.5926



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 103.8020, 10.4506, 8.0666 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 103.8020, 10.4506, 8.0666 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 103.8020, 10.4506, 8.0666

Background



This preview shows how black text looks on a background with the YUV color 103.8020, 10.4506, 8.0666.



This preview shows how white text looks on a background with the YUV color 103.8020, 10.4506, 8.0666.

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

103.8020, 10.4506, 8.0666

Protanopia

102.3980, 13.1148, -6.4880

Deuteranopia

102.7360, 10.4832, -2.3995



Tritanopia

102.5000, 1.7255, 6.5775

Trichromacy



Original Color

103.8020, 10.4506, 8.0666

Protanomaly

103.2030, 12.2249, -1.0550

Deuteranomaly

103.0570, 10.3249, 1.7040

Tritanomaly

103.0100, 4.9251, 7.0072

Monochromacy



Original Color

103.8020, 10.4506, 8.0666

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0480, 3.9203, 2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8020, 10.4506, 8.0666 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(113, 95, 125)` looks like.

```
.text, #text, p{  
    color:rgb(113, 95, 125)  
}
```

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(113, 95, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 95, 125) }
```

Border

The CSS property to change the border of an element to YUV 103.8020, 10.4506, 8.0666 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(113, 95, 125) }
```


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

```
.border{ border-color:rgb(113, 95, 125) }
```

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

Here you see how a box with a 4 pixel rgb(113, 95, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 95, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 95, 125);  
box-shadow:4px 4px 4px 4px rgb(113, 95,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 103.8020, 10.4506, 8.0666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 95, 125) }
```

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

```
.background{ background-color: rgb(113, 95,  
125) }
```

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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