

Converting Colors

YUV(103.1010, 10.3032, 8.6814)

Have a look what the booklet for
YUV(103.1010, 10.3032, 8.6814)
contains.

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Color

**YUV(103.1010, 10.3032,
8.6814)**

Conversions

Conversions Part 1

Format	Color
Hex	715E7C
RGB	113, 94, 124
RGB Percent	44%, 37%, 49%
CMY	0.5569, 0.6314, 0.5137
CMYK	0.09, 0.24, 0.00, 0.51
HSL	278°, 14%, 43%
HSV	278°, 24%, 49%
XYZ	14.4508, 12.9714, 20.8109
YIQ	103.1010, 1.6940, 13.3580

Conversions

Conversions Part 2

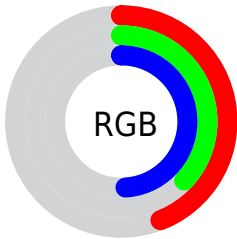
Format	Color
R_{YB}	113, 94, 124
Decimal	7429756
CIE _{Lab}	42.72, 13.76, -13.96
CIE _{LCh}	43, 19.604, 314.577
Yxy	12.9714, 0.2996, 0.2689
Android (android.graphics.Color)	4285619836 (0xFF715E7C)
YUV	103.1010, 10.3032, 8.6814
Hunter-Lab	36.0158, 8.5932, -9.0483

Details

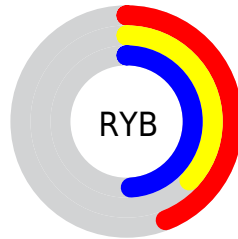
The YUV color **103.1010, 10.3032, 8.6814** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **114.8990, -10.3032, -8.6814**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.0410, 11.3188, 9.6110**, and **56.1610, 9.2876, 7.7518** is the 20% darker color. If you saturate the color by 10%, you get **94.5620, 14.5129, 11.7851**, and if you desaturate by 10%, it is **111.6400, 6.0935, 5.5777**.

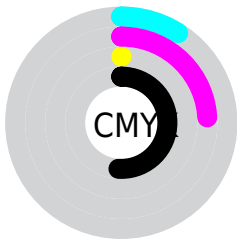
Distribution



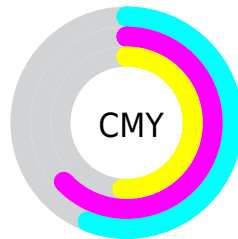
- Red (44%)
- Green (37%)
- Blue (49%)



- Red (44%)
- Yellow (37%)
- Blue (49%)



- Cyan (9%)
- Magenta (24%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1010, 10.3032, 8.6814 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 103.1010, 10.3032, 8.6814 by changing the saturation by 10% instead.

■ 103.1010, 10.3032,
8.6814

■ 103.1010, 10.3032,
8.6814

■ 255.0000, 0.0000,
0.0000

■ 78.6880, 10.0138,
8.1666

■ 154.0410, 11.3188,
9.6110

■ 56.1610, 9.2876,
7.7518

■ 181.0410, 11.3188,
9.6110

■ 34.3350, 8.7088,
6.7222

■ 208.4540, 11.6082,
10.1258

■ 10.9980, 9.8610,
10.5258

■ 236.1830, 9.2768,
11.2405

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

103.1010, 10.3032,
8.6814

103.1010, 10.3032,
8.6814

94.5620, 14.5129,
11.7851

111.6400, 6.0935,
5.5777

85.7350, 18.8646,
16.0184

120.4670, 1.7418,
1.3444

77.1960, 23.0744,
19.1221

129.0060, -2.4680,
-1.7593

68.3690, 27.4261,
23.3554

137.8330, -6.8197,
-5.9925

59.8300, 31.6358,
26.4591

146.3720,
-11.0294, -9.0962

51.5900, 35.6981,
30.1776

154.6120,
-15.0917, -12.8147

42.4640, 40.1972,
33.7961


163.7380,
-19.5908, -16.4332

37.7570, 42.5178,

171.9780,

36.1701

-23.6532, -20.1517

 181.1040,
-28.1523, -23.7702

Harmonies

Analogous

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



101.2560, 15.1568, -8.1175



103.1010, 10.3032, 8.6814



103.6420, 3.1345, 21.3620

Triad

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



103.1010, 10.3032, 8.6814



100.7990, -15.1839, 16.8393



92.7290, 7.5286, -34.8423

Complementary

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



103.1010, 10.3032, 8.6814



114.8990, -10.3032, -8.6814

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.



94.8030, -1.3819, -23.5062



103.1010, 10.3032, 8.6814



98.8360, -14.7091, 4.5288

Square

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



103.1010, 10.3032, 8.6814



101.8800, -11.2798, 24.6612



97.3010, -10.0084, -9.9110



92.9660, 14.8068, -35.9272

Rectangle

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



103.1010, 10.3032, 8.6814



103.2960, -2.1179, 26.0504



97.3010, -10.0084, -9.9110



93.3550, 4.7550, -31.8833

Sweetspot

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



103.1010, 10.3032, 8.6814



152.7600, 4.0623, 3.7185



103.8770, 9.9206, -8.6621



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.



103.1010, 10.3032, 8.6814



128.3280, 16.1073, 13.7443



105.9340, 6.9345, 15.8439



56.8800, 2.0312, 1.8592



37.8710, 42.9546, 36.0701



76.5680, 86.4880, 73.1699

Inverse Universe

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



104.2240, 0.3826, 17.3436



129.9910, 0.4974, 27.1949



112.0660, -6.9345, -15.8439



57.0220, -0.0108, 3.4887



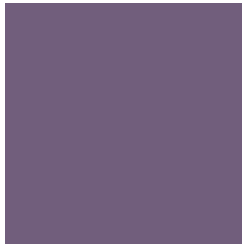
42.6190, 1.6668, 72.2481



85.9500, 3.4756, 145.6259

Previews

White Background



This preview shows how the YUV color 103.1010, 10.3032, 8.6814 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 103.1010, 10.3032, 8.6814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

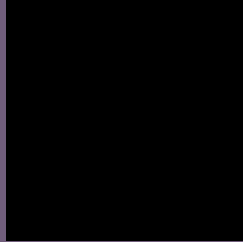
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.1010, 10.3032, 8.6814

Background



This preview shows how black text looks on a background with the YUV color 103.1010, 10.3032, 8.6814.



This preview shows how white text looks on a background with the YUV color 103.1010, 10.3032, 8.6814.

8.6814.

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

103.1010, 10.3032, 8.6814

Protanopia

101.3980, 13.1148, -6.4880

Deuteranopia

102.0350, 10.3357, -1.7847



Tritanopia

101.7990, 1.5781, 7.1923

Trichromacy



Original Color

103.1010, 10.3032, 8.6814

Protanomaly

102.2030, 12.2249, -1.0550

Deuteranomaly

102.3560, 10.1775, 2.3188

Tritanomaly

102.3090, 4.7777, 7.6220

Monochromacy



Original Color

103.1010, 10.3032, 8.6814

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.3470, 3.7729, 3.2037

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1010, 10.3032, 8.6814 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, 94, 124)` looks like.

```
.text, #text, p{  
    color:rgb(113, 94, 124)  
}
```

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, 94, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 94, 124) }
```

Border

The CSS property to change the border of an element to YUV 103.1010, 10.3032, 8.6814 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, 94, 124) }
```


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

```
.border{ border-color:rgb(113, 94, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 94, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 94, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 94, 124);  
box-shadow:4px 4px 4px 4px rgb(113, 94,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 103.1010, 10.3032, 8.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 94, 124) }
```

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

```
.background{ background-color: rgb(113, 94,  
124) }
```

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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