

Converting Colors

YUV(104.6390, 11.0240,
10.8406)

Have a look what the booklet for
YUV(104.6390, 11.0240, 10.8406)
contains.

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Color

**YUV(104.6390, 11.0240,
10.8406)**

Conversions

Conversions Part 1

Format	Color
Hex	755E7F
RGB	117, 94, 127
RGB Percent	46%, 37%, 50%
CMY	0.5412, 0.6314, 0.5020
CMYK	0.08, 0.26, 0.00, 0.50
HSL	282°, 15%, 43%
HSV	282°, 26%, 50%
XYZ	15.1696, 13.3196, 21.8501
YIQ	104.6390, 3.1150, 15.1390

Conversions

Conversions Part 2

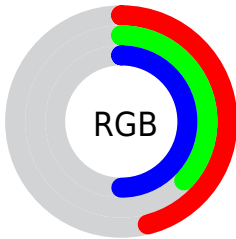
Format	Color
R_{YB}	117, 94, 127
Decimal	7691903
CIE _{Lab}	43.24, 15.87, -14.95
CIE _{LCh}	43, 21.802, 316.699
Yxy	13.3196, 0.3013, 0.2646
Android (android.graphics.Color)	4285881983 (0xFF755E7F)
YUV	104.6390, 11.0240, 10.8406
Hunter-Lab	36.4961, 10.3254, -9.9495

Details

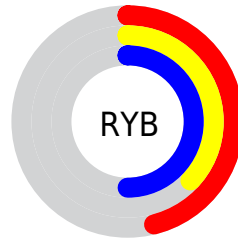
The YUV color $104.6390, 11.0240, 10.8406$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $116.3610, -11.0240, -10.8406$, and the grayscale version is $105.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $156.1660, 11.7502, 11.2554$, and $57.4000, 10.1558, 9.2962$ is the 20% darker color. If you saturate the color by 10%, you get $95.8120, 15.3757, 15.0739$, and if you desaturate by 10%, it is $113.4660, 6.6723, 6.6073$.

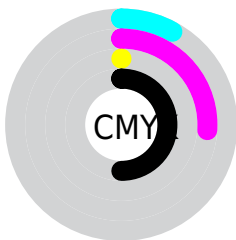
Distribution



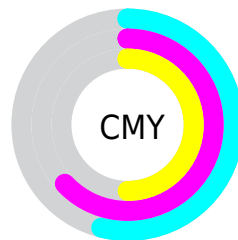
- Red (46%)
- Green (37%)
- Blue (50%)



- Red (46%)
- Yellow (37%)
- Blue (50%)



- Cyan (8%)
- Magenta (26%)
- Yellow (0%)
- Black (50%)



- Cyan (54%)
- Magenta (63%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.6390, 11.0240, 10.8406 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 104.6390, 11.0240, 10.8406 by changing the saturation by 10% instead.

■ 104.6390, 11.0240,
10.8406

■ 104.6390, 11.0240,
10.8406

■ 255.0000, 0.0000,
0.0000

■ 80.2260, 10.7346,
10.3258

■ 156.1660, 11.7502,
11.2554

■ 57.4000, 10.1558,
9.2962

■ 182.8780, 11.8921,
12.3850

■ 35.2860, 9.7190,
9.3962

■ 210.4050, 12.6183,
12.7998

■ 12.2370, 10.7292,
12.0702

■ 238.2650, 8.2504,
13.7996

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 104.6390, 11.0240,
10.8406

■ 104.6390, 11.0240,
10.8406

■ 95.8120, 15.3757,
15.0739

■ 113.4660, 6.6723,
6.6073

■ 87.5720, 19.4380,
18.7924

■ 121.7060, 2.6099,
2.8888

■ 78.7450, 23.7897,
23.0256

■ 130.5330, -1.7418,
-1.3444

■ 70.2170, 27.9940,
27.8737

■ 139.0610, -5.9461,
-6.1925

■ 61.9770, 32.0563,
31.5922

■ 147.8880,
-10.2978, -10.4258

■ 53.1500, 36.4080,
35.8255

■ 156.1280,
-14.3601, -14.1443

■ 44.3230, 40.7598,
40.0587


■ 164.9550,
-18.7118, -18.3775

■ 41.0890, 42.3541,

■ 173.7820,

42.0179

-23.0635, -22.6108

 182.0220,
-27.1258, -26.3293

Harmonies

Analogous

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



102.1250, 17.1934, -8.0026



104.6390, 11.0240, 10.8406



104.6640, 3.1236, 24.8507

Triad

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



104.6390, 11.0240, 10.8406



101.6420, -17.0785, 17.8540



91.9670, 9.8763, -41.1901

Complementary

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



104.6390, 11.0240, 10.8406



116.3610, -11.0240, -10.8406

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.



94.5960, -0.7868, -27.7097



104.6390, 11.0240, 10.8406



99.7820, -16.1615, 3.6992

Square

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



104.6390, 11.0240, 10.8406



102.8480, -12.7431, 27.3203



97.8770, -10.2924, -12.1701



92.6170, 17.4438, -41.7601

Rectangle

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



104.6390, 11.0240, 10.8406



104.4920, -2.7076, 28.5095



97.8770, -10.2924, -12.1701



92.7780, 6.5184, -37.5163

Sweetspot

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



104.6390, 11.0240, 10.8406



156.5860, 4.6411, 4.7481



103.6320, 11.5204, -8.4473



78.7060, 2.6099, 2.8888



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.



104.6390, 11.0240, 10.8406



130.6920, 17.4068, 16.9331



106.9450, 6.9291, 17.5882



59.2930, 2.3206, 2.3740



41.2030, 42.7909, 41.9180



0.0000, 0.0000, 0.0000

Inverse Universe

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



105.0070, -0.4965, 19.2879



131.3720, -0.6764, 30.3688



114.0550, -6.9291, -17.5882



59.3210, -0.1583, 4.1035



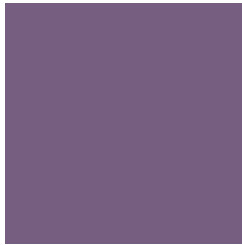
42.7180, -1.8330, 74.7923



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 104.6390, 11.0240, 10.8406 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 104.6390, 11.0240, 10.8406 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 104.6390, 11.0240, 10.8406

Background



This preview shows how black text looks on a background with the YUV color 104.6390, 11.0240, 10.8406.



This preview shows how white text looks on a background with the YUV color 104.6390, 11.0240,

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

104.6390, 11.0240, 10.8406

Protanopia

102.4410, 14.5726, -7.4028

Deuteranopia

102.9640, 11.3567, -2.5994



Tritanopia

103.6960, 1.1359, 9.0366

Trichromacy



Original Color

104.6390, 11.0240, 10.8406

Protanomaly

102.8440, 13.3879, -0.7402

Deuteranomaly

103.5840, 11.0511, 2.1188

Tritanomaly

104.3200, 4.7722, 9.3664

Monochromacy



Original Color

104.6390, 11.0240, 10.8406

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.7600, 4.0623, 3.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6390, 11.0240, 10.8406 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(117, 94, 127)` looks like.

```
.text, #text, p{  
    color:rgb(117, 94, 127)  
}
```

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(117, 94, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 94, 127) }
```

Border

The CSS property to change the border of an element to YUV 104.6390, 11.0240, 10.8406 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(117, 94, 127) }
```


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

```
.border{ border-color:rgb(117, 94, 127) }
```

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

Here you see how a box with a 4 pixel rgb(117, 94, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 94, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 94, 127);  
box-shadow:4px 4px 4px 4px rgb(117, 94,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 104.6390, 11.0240, 10.8406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 94, 127) }
```

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

```
.background{ background-color: rgb(117, 94,  
127) }
```

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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