

Converting Colors

YUV(104.9410, -0.4639, 8.8217)

Have a look what the booklet for
YUV(104.9410, -0.4639, 8.8217)
contains.

YUV(104.9410, -0.4639, 8.8217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(104.9410, -0.4639,
8.8217)**

Conversions

Conversions Part 1

Format	Color
Hex	736468
RGB	115, 100, 104
RGB Percent	45%, 39%, 41%
CMY	0.5490, 0.6078, 0.5922
CMYK	0.00, 0.13, 0.10, 0.55
HSL	344°, 7%, 42%
HSV	344°, 13%, 45%
XYZ	14.1261, 13.7587, 15.0079
YIQ	104.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

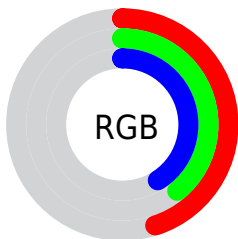
Format	Color
R_{YB}	115, 100, 104
Decimal	7562344
CIE Lab	43.88, 6.72, -0.06
CIE LCh	44, 6.725, 359.471
Yxy	13.7587, 0.3293, 0.3208
Android (android.graphics.Color)	4285752424 (0xFF736468)
YUV	104.9410, -0.4639, 8.8217
Hunter-Lab	37.0927, 3.0664, 1.9759

Details

The YUV color $104.9410, -0.4639, 8.8217$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $110.0590, 0.4639, -8.8217$, and the grayscale version is $105.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $156.2400, -0.6113, 9.4365$, and $57.6420, -0.3165, 8.2070$ is the 20% darker color. If you saturate the color by 10%, you get $97.5720, -0.7750, 15.2844$, and if you desaturate by 10%, it is $112.8970, -0.4422, 1.8443$.

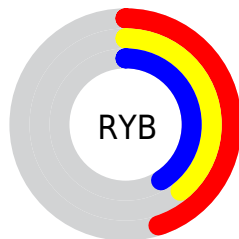
Distribution



Red (45%)

Green (39%)

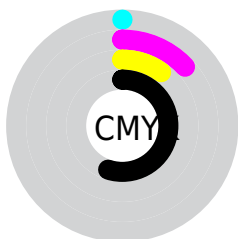
Blue (41%)



Red (45%)

Yellow (39%)

Blue (41%)

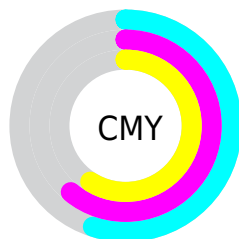


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (55%)



Cyan (55%)

Magenta (61%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9410, -0.4639, 8.8217 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 104.9410, -0.4639, 8.8217 by changing the saturation by 10% instead.

■ 104.9410, -0.4639,
8.8217

■ 104.9410, -0.4639,
8.8217

255.0000, 0.0000,
0.0000

■ 80.6420, -0.3165,
8.2070

■ 156.2400, -0.6113,
9.4365

■ 57.6420, -0.3165,
8.2070

■ 183.2400, -0.6113,
9.4365

■ 36.3430, -0.1691,
7.5922

■ 210.5390, -0.7587,
10.0513

■ 14.3540, -0.1745,
9.3365

■ 238.9520, -0.4693,
10.5661

■ 0.0000, 0.0000,
0.0000

■ 104.9410, -0.4639,

■ 104.9410, -0.4639,

8.8217

■ 97.5720, -0.7750,
15.2844

■ 89.5020, -1.2335,
22.3617

■ 82.1330, -1.5446,
28.8244

■ 74.0630, -2.0031,
35.9017

■ 66.6940, -2.3141,
42.3644

■ 58.6240, -2.7726,
49.4418

■ 51.2550, -3.0837,
55.9044

■ 43.2990, -3.1054,
62.8818

8.8217

■ 112.8970, -0.4422,
1.8443

■ 120.3800, 0.3057,
-4.7183

■ 128.3360, 0.3274,
-11.6957

■ 135.8190, 1.0752,
-18.2583

■ 143.1880, 1.3863,
-24.7209

■ 151.2580, 1.8448,
-31.7983

■ 159.2140, 1.8665,
-38.7757

■ 166.5830, 2.1776,
-45.2383

■ 37.9190, -3.4111,
67.6000

■ 174.6530, 2.6361,
-52.3157

Harmonies

Analogous

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



104.9020, 2.0203, 5.3479



104.9410, -0.4639, 8.8217



104.5560, -3.2321, 10.0364

Triad

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



104.9410, -0.4639, 8.8217



102.8490, -4.3626, -0.7446



102.6120, 5.1213, -9.3067

Complementary

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



104.9410, -0.4639, 8.8217



110.0590, 0.4639, -8.8217

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.



102.1450, 3.3795, -10.6512



104.9410, -0.4639, 8.8217



102.0980, -2.0203, -5.3479

Square

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



104.9410, -0.4639, 8.8217



103.6540, -5.2524, 4.6884



101.7600, 0.6113, -9.4365



103.4600, 5.6892, -4.7884

Rectangle

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



104.9410, -0.4639, 8.8217



104.5020, -4.6845, 9.2067



101.7600, 0.6113, -9.4365



102.1990, 4.8319, -9.8215

Sweetspot

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



104.9410, -0.4639, 8.8217



146.0220, -0.0108, 3.4887



104.9990, 4.9305, 5.2629



74.3100, -0.1528, 2.3591



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



104.9410, -0.4639, 8.8217



133.9740, -0.4802, 14.0548



106.8330, -3.3687, 7.1625



54.9080, -0.4476, 3.5887



40.2400, -3.5693, 71.7035



82.3880, -7.5863, 146.9957

Inverse Universe

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



104.9410, -0.4639, 8.8217



133.9740, -0.4802, 14.0548



108.7540, 3.0793, -7.6773



54.9080, -0.4476, 3.5887



40.2400, -3.5693, 71.7035



82.3880, -7.5863, 146.9957

Previews

White Background



This preview shows how the YUV color 104.9410, -0.4639, 8.8217 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 104.9410, -0.4639, 8.8217 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 104.9410, -0.4639, 8.8217

Background



This preview shows how black text looks on a background with the YUV color 104.9410, -0.4639, 8.8217.



This preview shows how white text looks on a background with the YUV color 104.9410, -0.4639, 8.8217.

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

104.9410, -0.4639, 8.8217

Protanopia

103.9400, 1.0156, 0.9296

Deuteranopia

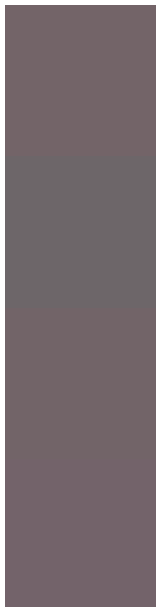
104.6420, -0.3165, 8.2070



Tritanopia

104.6960, 1.1359, 9.0366

Trichromacy



Original Color

104.9410, -0.4639, 8.8217

Protanomaly

104.4350, 0.2785, 4.0035

Deuteranomaly

104.6420, -0.3165, 8.2070

Tritanomaly

104.5820, 0.6991, 9.1366

Monochromacy



Original Color

104.9410, -0.4639, 8.8217

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0220, -0.0108, 3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9410, -0.4639, 8.8217 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(115, 100, 104)` looks like.

```
.text, #text, p{  
    color:rgb(115, 100, 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(115, 100, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 100, 104) }
```

Border

The CSS property to change the border of an element to YUV 104.9410, -0.4639, 8.8217 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(115, 100, 104) }
```


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

```
.border{ border-color:rgb(115, 100, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 100, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 100, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 100, 104);  
box-shadow:4px 4px 4px 4px rgb(115, 100,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 104.9410, -0.4639, 8.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 100, 104) }
```

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

```
.background{ background-color: rgb(115,  
100, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor