

Converting Colors

YUV(78.9410, -0.4639, 8.8217)

Have a look what the booklet for
YUV(78.9410, -0.4639, 8.8217)
contains.

YUV(78.9410, -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(78.9410, -0.4639,
8.8217)**

Conversions

Conversions Part 1

Format	Color
Hex	594A4E
RGB	89, 74, 78
RGB Percent	35%, 29%, 31%
CMY	0.6510, 0.7098, 0.6941
CMYK	0.00, 0.17, 0.12, 0.65
HSL	344°, 9%, 32%
HSV	344°, 17%, 35%
XYZ	7.9437, 7.5715, 8.2505
YIQ	78.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

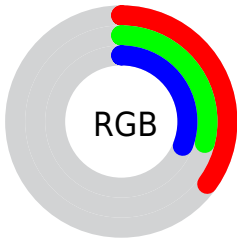
Format	Color
R_{YB}	89, 74, 78
Decimal	5851726
CIE Lab	33.07, 7.08, -0.02
CIE LCh	33, 7.082, 359.822
Yxy	7.5715, 0.3343, 0.3186
Android (android.graphics.Color)	4284041806 (0xFF594A4E)
YUV	78.9410, -0.4639, 8.8217
Hunter-Lab	27.5163, 3.3781, 1.4839

Details

The YUV color **78.9410, -0.4639, 8.8217** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **84.0590, 0.4639, -8.8217**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.2400, -0.6113, 9.4365**, and **34.3430, -0.1691, 7.5922** is the 20% darker color. If you saturate the color by 10%, you get **72.8600, -0.9170, 14.1548**, and if you desaturate by 10%, it is **85.0220, -0.0108, 3.4887**.

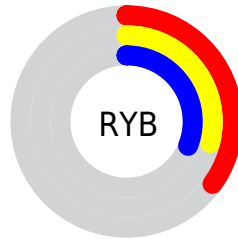
Distribution



Red (35%)

Green (29%)

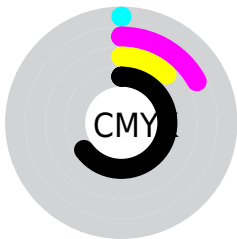
Blue (31%)



Red (35%)

Yellow (29%)

Blue (31%)

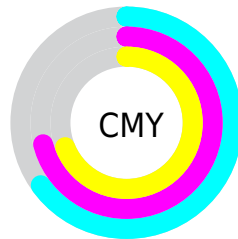


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (65%)



Cyan (65%)

Magenta (71%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9410, -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 78.9410, -0.4639, 8.8217 by changing the saturation by 10% instead.

■ 78.9410, -0.4639,
8.8217

■ 78.9410, -0.4639,
8.8217

■ 255.0000, 0.0000,
0.0000

■ 55.9410, -0.4639,
8.8217

■ 128.2400, -0.6113,
9.4365

■ 34.3430, -0.1691,
7.5922

■ 153.6530, -0.3219,
9.9513

■ 12.0660, -0.0325,
10.4661

■ 180.9520, -0.4693,
10.5661

■ 0.0000, 0.0000,
0.0000

■ 208.8380, -0.9061,
10.6661

■ 236.8380, -0.9061,
10.6661

■ 78.9410, -0.4639,
8.8217

■ 78.9410, -0.4639,
8.8217

■ 72.8600, -0.9170,
14.1548

■ 85.0220, -0.0108,
3.4887

■ 66.8930, -0.9332,
19.3878

■ 90.9890, 0.0054,
-1.7444

■ 60.8120, -1.3863,
24.7209

■ 97.0700, 0.4585,
-7.0774

■ 54.8450, -1.4026,
29.9539

■ 103.0370, 0.4748,
-12.3104

■ 49.3510, -2.1450,
34.7722

■ 109.1180, 0.9278,
-17.6435

■ 43.3840, -2.1613,
40.0052

■ 114.4980, 1.2335,
-22.3617

■ 37.3030, -2.6144,
45.3383

■ 120.5790, 1.6866,
-27.6948

■ 31.3360, -2.6306,

■ 126.5460, 1.7028,

50.5713

-32.9278

■ 29.3470, -2.6361,
52.3157

■ 132.6270, 2.1559,
-38.2609

Harmonies

Analogous

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



78.9020, 2.0203, 5.3479



78.9410, -0.4639, 8.8217



78.5560, -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.



78.9410, -0.4639, 8.8217



76.8490, -4.3626, -0.7446



76.6120, 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.



78.9410, -0.4639, 8.8217



84.0590, 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.



76.1450, 3.3795, -10.6512



78.9410, -0.4639, 8.8217



76.0980, -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.



78.9410, -0.4639, 8.8217



77.3550, -5.1050, 4.0737



75.8740, 1.0481, -9.5365



77.4600, 5.6892, -4.7884

Rectangle

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



78.9410, -0.4639, 8.8217



78.2030, -4.5371, 8.5920



75.8740, 1.0481, -9.5365



76.1990, 4.8319, -9.8215

Sweetspot

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



78.9410, -0.4639, 8.8217



111.0220, -0.0108, 3.4887



78.9990, 4.9305, 5.2629



56.3100, -0.1528, 2.3591



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



78.9410, -0.4639, 8.8217



99.5610, -0.7696, 13.5400



80.8330, -3.3687, 7.1625



40.3100, -0.1528, 2.3591



35.2990, -3.1054, 62.8818



77.4470, -7.1224, 138.1740

Inverse Universe

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



78.9410, -0.4639, 8.8217



99.5610, -0.7696, 13.5400



82.7540, 3.0793, -7.6773



40.3100, -0.1528, 2.3591



35.2990, -3.1054, 62.8818



77.4470, -7.1224, 138.1740

Previews

White Background



This preview shows how the YUV color 78.9410, -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 ✓ Pass

Black Background



This preview shows how the YUV color 78.9410, -0.4639, 8.8217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

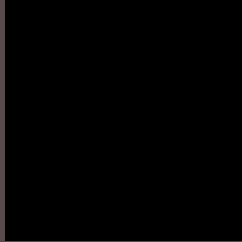
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9410, -0.4639, 8.8217

Background



This preview shows how black text looks on a background with the YUV color 78.9410, -0.4639, 8.8217.



This preview shows how white text looks on a background with the YUV color 78.9410, -0.4639,

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

78.9410, -0.4639, 8.8217

Protanopia

77.9400, 1.0156, 0.9296

Deuteranopia

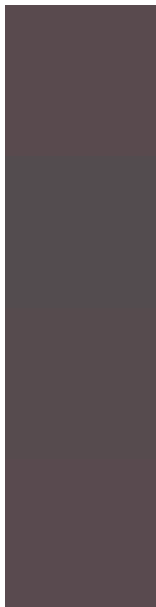
78.3320, -0.1637, 5.8478



Tritanopia

79.1690, 0.4097, 8.6218

Trichromacy



Original Color

78.9410, -0.4639, 8.8217

Protanomaly

78.4350, 0.2785, 4.0035

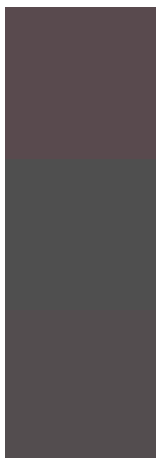
Deuteranomaly

78.6310, -0.3111, 6.4626

Tritanomaly

79.0550, -0.0271, 8.7218

Monochromacy



Original Color

78.9410, -0.4639, 8.8217

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0220, -0.0108, 3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9410, -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(89, 74, 78)` looks like.

```
.text, #text, p{  
    color:rgb(89, 74, 78)  
}
```

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(89, 74, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 74, 78) }
```

Border

The CSS property to change the border of an element to YUV 78.9410, -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(89, 74, 78) }
```


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

```
.border{ border-color:rgb(89, 74, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 74, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 74, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 74, 78);  
box-shadow:4px 4px 4px 4px rgb(89, 74, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.9410, -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(89, 74, 78) }
```

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

```
.background{ background-color: rgb(89, 74,  
78) }
```

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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