

Converting Colors

YUV(80.4810, 14.0599, 17.1182)

Have a look what the booklet for
YUV(80.4810, 14.0599, 17.1182)
contains.

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Color

**YUV(80.4810, 14.0599,
17.1182)**

Conversions

Conversions Part 1

Format	Color
Hex	64416D
RGB	100, 65, 109
RGB Percent	39%, 25%, 43%
CMY	0.6078, 0.7451, 0.5725
CMYK	0.08, 0.40, 0.00, 0.57
HSL	288°, 25%, 34%
HSV	288°, 40%, 43%
XYZ	9.9061, 7.5940, 15.4117
YIQ	80.4810, 6.7360, 21.1040

Conversions

Conversions Part 2

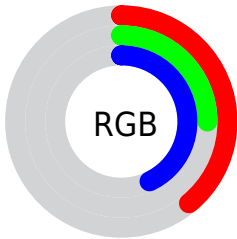
Format	Color
R_{YB}	100, 65, 109
Decimal	6570349
CIE _{Lab}	33.12, 23.57, -19.54
CIE _{LCh}	33, 30.611, 320.342
Yxy	7.5940, 0.3010, 0.2307
Android (android.graphics.Color)	4284760429 (0xFF64416D)
YUV	80.4810, 14.0599, 17.1182
Hunter-Lab	27.5573, 15.9409, -13.8684

Details

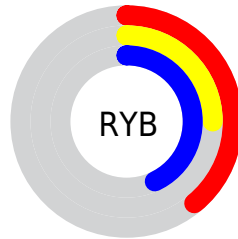
The YUV color **80.4810, 14.0599, 17.1182** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.5190, -14.0599, -17.1182**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.7200, 14.9280, 18.6626**, and **34.2420, 13.1917, 15.5738** is the 20% darker color. If you saturate the color by 10%, you get **73.4260, 17.5380, 21.5514**, and if you desaturate by 10%, it is **87.5360, 10.5818, 12.6849**.

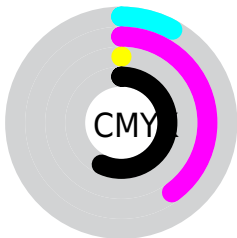
Distribution



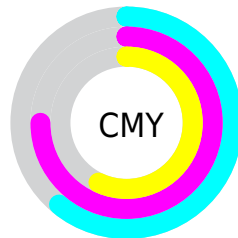
- Red (39%)
- Green (25%)
- Blue (43%)



- Red (39%)
- Yellow (25%)
- Blue (43%)



- Cyan (8%)
- Magenta (40%)
- Yellow (0%)
- Black (57%)



- Cyan (61%)
- Magenta (75%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.4810, 14.0599, 17.1182 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 80.4810, 14.0599, 17.1182 by changing the saturation by 10% instead.

■ 80.4810, 14.0599,
17.1182

■ 80.4810, 14.0599,
17.1182

■ 255.0000, 0.0000,
0.0000

■ 56.7690, 13.9179,
15.9886

■ 130.7200, 14.9280,
18.6626

■ 34.2420, 13.1917,
15.5738

■ 156.5460, 15.5068,
19.6922

■ 14.0140, 12.3181,
15.7737

■ 183.6600, 15.9436,
19.5922

■ 2.5250, 7.1362,
-2.2144

■ 211.3720, 16.0856,
20.7218

■ 0.0000, 0.0000,
0.0000

■ 235.0420, 9.8393,
17.5032

■ 252.0650, 1.4470,

2.5740

■ 80.4810, 14.0599,
17.1182

■ 80.4810, 14.0599,
17.1182

■ 73.4260, 17.5380,
21.5514

■ 87.5360, 10.5818,
12.6849

■ 66.3710, 21.0161,
25.9846

■ 94.5910, 7.1036,
8.2517

■ 59.0170, 24.6416,
29.8031

■ 101.9450, 3.4781,
4.4332

■ 51.9620, 28.1197,
34.2363

■ 109.0000, 0.0000,
0.0000

■ 44.9070, 31.5978,
38.6696

■ 115.4680, -3.1887,
-3.9184

■ 38.4390, 34.7866,
42.5880

■ 122.5230, -6.6668,
-8.3517

■ 129.8770,
-10.2924, -12.1701

■ 136.9320,
-13.7705, -16.6034

■ 143.9870,
-17.2486, -21.0366

Harmonies

Analogous

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



77.7810, 22.2930, -10.3319



80.4810, 14.0599, 17.1182



79.5450, 3.6753, 34.6020

Triad

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



80.4810, 14.0599, 17.1182



76.3450, -23.3411, 19.8684



63.5460, 15.0138, -55.7298

Complementary

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



80.4810, 14.0599, 17.1182



93.5190, -14.0599, -17.1182

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.



60.6960, 4.0939, -53.2304



80.4810, 14.0599, 17.1182



74.2780, -21.8291, 1.5102

Square

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



80.4810, 14.0599, 17.1182



77.2140, -17.8535, 33.1383



70.3660, -12.0124, -20.4920



64.7660, 24.7654, -56.7998

Rectangle

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



80.4810, 14.0599, 17.1182



78.2160, -4.0505, 39.2756



70.3660, -12.0124, -20.4920



62.6340, 11.5194, -54.9300

Sweetspot

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



80.4810, 14.0599, 17.1182



131.8250, 5.5093, 6.2925



75.8860, 16.3252, -9.5470



64.5320, 3.1887, 3.9184



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



80.4810, 14.0599, 17.1182



98.3110, 22.0317, 26.9143



81.8040, 7.4916, 23.8509



49.8800, 2.0312, 1.8592



41.1450, 37.3965, 45.4768



86.2350, 78.2711, 95.3869

Inverse Universe

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



79.1820, -2.5547, 26.1504



96.2270, -4.0559, 41.0199



92.1960, -7.4916, -23.8509



49.9080, -0.4476, 3.5887



37.7190, -6.7635, 69.5294



78.9550, -14.2748, 145.6215

Previews

White Background



This preview shows how the YUV color 80.4810, 14.0599, 17.1182 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 80.4810, 14.0599, 17.1182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

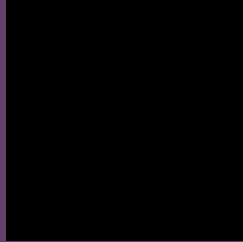
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.4810, 14.0599, 17.1182

Background



This preview shows how black text looks on a background with the YUV color 80.4810, 14.0599, 17.1182.



This preview shows how white text looks on a background with the YUV color 80.4810, 14.0599,

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

80.4810, 14.0599, 17.1182

Protanopia

77.9010, 20.2618, -12.1912

Deuteranopia

78.3270, 14.1358, -7.3028



Tritanopia

79.4470, -1.2064, 13.6400

Trichromacy



Original Color

80.4810, 14.0599, 17.1182

Protanomaly

78.9840, 17.7559, -1.7400

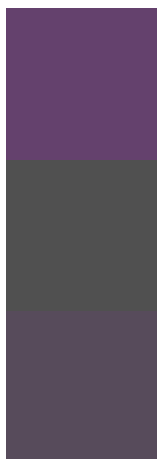
Deuteranomaly

79.3820, 14.1087, 1.4190

Tritanomaly

79.6520, 4.6086, 15.2142

Monochromacy



Original Color

80.4810, 14.0599, 17.1182

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.4120, 5.2199, 5.7777

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4810, 14.0599, 17.1182 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(100, 65, 109)` looks like.

```
.text, #text, p{  
    color:rgb(100, 65, 109)  
}
```

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(100, 65, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 65, 109) }
```

Border

The CSS property to change the border of an element to YUV 80.4810, 14.0599, 17.1182 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(100, 65, 109) }
```


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

```
.border{ border-color:rgb(100, 65, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 65, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 65, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 65, 109);  
box-shadow:4px 4px 4px 4px rgb(100, 65,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 80.4810, 14.0599, 17.1182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 65, 109) }
```

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

```
.background{ background-color: rgb(100, 65,  
109) }
```

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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