

Converting Colors

YUV(59.1760, 43.7902, 48.0806)

Have a look what the booklet for
YUV(59.1760, 43.7902, 48.0806)
contains.

YUV(59.1760, 43.7902, 48.0806)	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(59.1760, 43.7902,
48.0806)**

Conversions

Conversions Part 1

Format	Color
Hex	720E94
RGB	114, 14, 148
RGB Percent	45%, 5%, 58%
CMY	0.5529, 0.9451, 0.4196
CMYK	0.23, 0.91, 0.00, 0.42
HSL	285°, 83%, 32%
HSV	285°, 91%, 58%
XYZ	12.4418, 6.0296, 28.5250
YIQ	59.1760, 16.5860, 62.8740

Conversions

Conversions Part 2

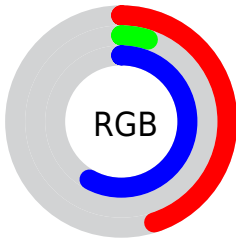
Format	Color
R_{YB}	114, 14, 148
Decimal	7474836
CIE _{Lab}	29.49, 57.81, -49.55
CIE _{LCh}	29, 76.137, 319.401
Yxy	6.0296, 0.2647, 0.1283
Android (android.graphics.Color)	4285664916 (0xFF720E94)
YUV	59.1760, 43.7902, 48.0806
Hunter-Lab	24.5552, 47.4715, -51.6866

Details

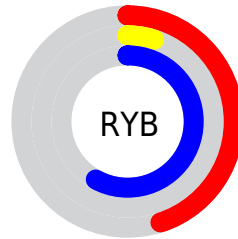
The YUV color **59.1760, 43.7902, 48.0806** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **102.8240, -43.7902, -48.0806**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.5840, 41.6171, 45.0918**, and **28.5850, 33.2356, 26.6740** is the 20% darker color. If you saturate the color by 10%, you get **49.7620, 48.4313, 52.8287**, and if you desaturate by 10%, it is **69.1770, 38.8597, 42.8178**.

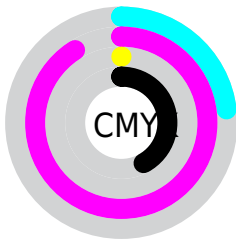
Distribution



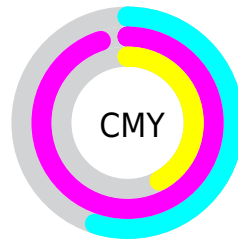
- Red (45%)
- Green (5%)
- Blue (58%)



- Red (45%)
- Yellow (5%)
- Blue (58%)



- Cyan (23%)
- Magenta (91%)
- Yellow (0%)
- Black (42%)



- Cyan (55%)
- Magenta (95%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.1760, 43.7902, 48.0806 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 59.1760, 43.7902, 48.0806 by changing the saturation by 10% instead.

■ 59.1760, 43.7902,
48.0806

■ 59.1760, 43.7902,
48.0806

■ 255.0000, 0.0000,
0.0000

■ 39.9210, 40.4649,
41.2883

■ 118.5840, 41.6171,
45.0918

■ 28.5850, 33.2356,
26.6740

■ 146.2960, 41.7591,
46.2214

■ 18.9720, 26.1428,
14.9336

■ 173.5520, 40.1539,
47.7509

■ 5.4720, 20.9663,
-4.7989

■ 198.0610, 28.0709,
49.9355


■ 3.5510, 11.0674,
-3.1142

■ 214.4970, 19.9680,
35.5211


■ 0.0000, 0.0000,
0.0000


■ 230.9330, 11.8650,


21.1068


 247.9560, 3.4727,
6.1776


 59.1760, 43.7902,
48.0806


 59.1760, 43.7902,
48.0806


 49.7620, 48.4313,
52.8287

 69.1770, 38.8597,
42.8178

 79.1780, 33.9292,
37.5549

 88.2930, 29.4356,
32.1920

 98.2940, 24.5051,
26.9292

 108.2950, 19.5746,
21.6663

■ 118.2960, 14.6441,
16.4034

■ 127.9980, 9.8610,
10.5258

■ 137.4120, 5.2199,
5.7777

■ 147.4130, 0.2894,
0.5148

Harmonies

Analogous

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



59.1310, 61.5604, -51.8579



59.1760, 43.7902, 48.0806



57.8440, 17.3319, 87.8368

Triad

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



59.1760, 43.7902, 48.0806



66.0170, -32.5464, 32.4341



65.7290, 20.8396, -57.6443

Complementary

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



59.1760, 43.7902, 48.0806



102.8240, -43.7902, -48.0806

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.



58.0740, -5.9525, -50.9309



59.1760, 43.7902, 48.0806



60.1380, -29.6480, -10.6450

Square

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



59.1760, 43.7902, 48.0806



50.0890, -24.6939, 80.6059



50.4820, -24.8876, -44.2727



71.6570, 43.5531, -62.8432

Rectangle

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



59.1760, 43.7902, 48.0806



55.7900, -0.8825, 96.6542



50.4820, -24.8876, -44.2727



63.3350, 11.6668, -55.5448

Sweetspot

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



59.1760, 43.7902, 48.0806



157.1760, 16.6752, 18.2626



50.4080, 48.1129, -31.9298



76.4110, 10.1504, 11.0406



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



59.1760, 43.7902, 48.0806



64.5310, 62.3492, 68.8173



65.8080, 25.2377, 72.0824



69.2930, 2.3206, 2.3740



46.5290, 45.0952, 49.5251



3.5320, 3.1887, 3.9184

Inverse Universe

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



57.9420, -4.9014, 78.9809



62.6950, -6.7516, 112.5235



96.1920, -25.2377, -72.0824



69.2070, -0.5951, 4.2035



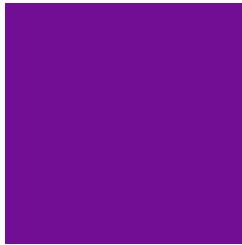
45.2520, -5.0542, 81.3400



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 59.1760, 43.7902, 48.0806 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

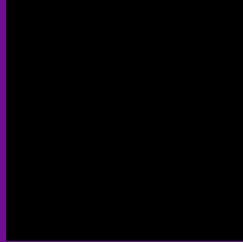
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.1760, 43.7902, 48.0806

Background



This preview shows how black text looks on a background with the YUV color 59.1760, 43.7902, 48.0806.



This preview shows how white text looks on a background with the YUV color 59.1760, 43.7902,

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

59.1760, 43.7902, 48.0806

Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

57.3290, 34.3478, -50.2775



Tritanopia

72.0140, -4.4439, 25.4207

Trichromacy



Original Color

59.1760, 43.7902, 48.0806

Protanomaly

57.6660, 43.5487, -14.6161

Deuteranomaly

58.1730, 37.8757, -15.0607

Tritanomaly

67.6510, 12.9901, 33.6321

Monochromacy



Original Color

59.1760, 43.7902, 48.0806

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.2360, 15.6597, 17.3330

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.1760, 43.7902, 48.0806 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(114, 14, 148)` looks like.

```
.text, #text, p{  
    color:rgb(114, 14, 148)  
}
```

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(114, 14, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 14, 148) }
```

Border

The CSS property to change the border of an element to YUV 59.1760, 43.7902, 48.0806 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(114, 14, 148) }
```


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

```
.border{ border-color:rgb(114, 14, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 14, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 14, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 14, 148);  
box-shadow:4px 4px 4px 4px rgb(114, 14,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 59.1760, 43.7902, 48.0806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 14, 148) }
```

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

```
.background{ background-color: rgb(114, 14,  
148) }
```

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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