

Converting Colors

YUV(48.7190, 30.2115, 63.3904)

Have a look what the booklet for
YUV(48.7190, 30.2115, 63.3904)
contains.

YUV(48.7190, 30.2115, 63.3904)	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>	30

Color

**YUV(48.7190, 30.2115,
63.3904)**

Conversions

Conversions Part 1

Format	Color
Hex	79006E
RGB	121, 0, 110
RGB Percent	47%, 0%, 43%
CMY	0.5255, 1.0000, 0.5686
CMYK	0.00, 1.00, 0.09, 0.53
HSL	305°, 100%, 24%
HSV	305°, 100%, 47%
XYZ	10.6996, 5.1907, 15.1898
YIQ	48.7190, 36.8060, 59.8620

Conversions

Conversions Part 2

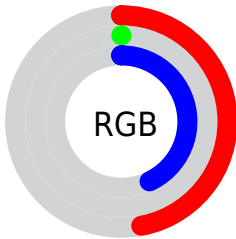
Format	Color
RYB	121, 0, 110
Decimal	7929966
CIELab	27.27, 54.91, -29.12
CIElCh	27, 62.154, 332.060
Yxy	5.1907, 0.3443, 0.1670
Android (android.graphics.Color)	4286120046 (0xFF79006E)
YUV	48.7190, 30.2115, 63.3904
Hunter-Lab	22.7832, 43.9581, -23.5811

Details

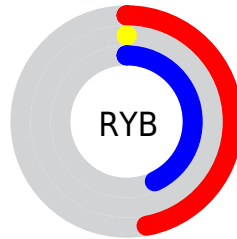
The YUV color **48.7190, 30.2115, 63.3904** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **72.2810, -30.2115, -63.3904**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.8940, 24.7023, 57.0980**, and **27.4000, 17.0578, 35.6062** is the 20% darker color. If you saturate the color by 10%, you get **48.7190, 30.2115, 63.3904**, and if you desaturate by 10%, it is **55.8770, 27.1756, 57.1129**.

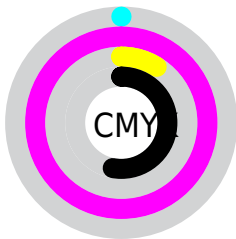
Distribution



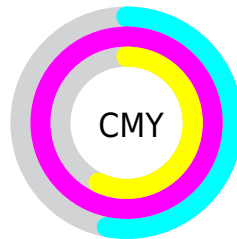
- Red (47%)
- Green (0%)
- Blue (43%)



- Red (47%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.7190, 30.2115, 63.3904 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 48.7190, 30.2115, 63.3904 by changing the saturation by 10% instead.

■ 48.7190, 30.2115,
63.3904

■ 48.7190, 30.2115,
63.3904

■ 255.0000, 0.0000,
0.0000

■ 37.7960, 23.2716,
49.2909

■ 111.8940, 24.7023,
57.0980

■ 27.4000, 17.0578,
35.6062

■ 139.7800, 24.2655,
57.1979

■ 17.7160, 10.9860,
23.0511

■ 167.7910, 24.2600,
58.9423

■ 2.4110, 6.6994,
-2.1144

■ 192.9260, 26.1655,
54.4389

■ 0.0000, 0.0000,
0.0000

■ 210.3880, 21.9937,
39.1247

■ 227.4110, 13.6014,

24.1956

■ 244.4340, 5.2090,
9.2664

■ 48.7190, 30.2115,
63.3904

■ 55.8770, 27.1756,
57.1129

■ 63.0350, 24.1397,
50.8353

■ 70.1930, 21.1039,
44.5577

■ 77.3510, 18.0680,
38.2802

■ 84.6230, 15.4689,
31.9026

■ 92.3680, 12.1436,
25.1103

■ 99.5260, 9.1077,
18.8327

■ 106.6840, 6.0718,
12.5551

■ 113.8420, 3.0359,
6.2776

Harmonies

Analogous

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



62.5640, 41.6269, -4.8796



48.7190, 30.2115, 63.3904



49.9390, 6.4391, 81.6145

Triad

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



48.7190, 30.2115, 63.3904



60.5910, -29.8714, 14.3907



61.7170, 25.7755, -54.1258

Complementary

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



48.7190, 30.2115, 63.3904



72.2810, -30.2115, -63.3904

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.



56.3590, 5.2460, -49.4268



48.7190, 30.2115, 63.3904



51.2010, -25.2421, -23.8553

Square

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



48.7190, 30.2115, 63.3904



58.7400, -28.9588, 48.4630



48.4420, -17.4729, -42.4836



64.0600, 42.3684, -56.1806

Rectangle

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



48.7190, 30.2115, 63.3904



46.2200, -6.5175, 83.9991



48.4420, -17.4729, -42.4836



60.0070, 19.2235, -52.6261

Sweetspot

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



48.7190, 30.2115, 63.3904



129.9550, 11.8542, 24.5955



16.7840, 51.3785, -5.9496



62.2220, 6.7926, 14.7143



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



48.7190, 30.2115, 63.3904



63.6580, 39.6086, 82.7379



41.8790, 4.0037, 69.3891



57.4780, 1.7363, 3.0888



50.3710, 31.3691, 65.4496



101.5680, 63.3170, 131.9289

Inverse Universe

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



48.7190, 30.2115, 63.3904



63.6580, 39.6086, 82.7379



79.1210, -4.0037, -69.3891



57.4780, 1.7363, 3.0888



50.3710, 31.3691, 65.4496



101.5680, 63.3170, 131.9289

Previews

White Background



This preview shows how the YUV color 48.7190, 30.2115, 63.3904 looks on a white background.

Color Contrast Check

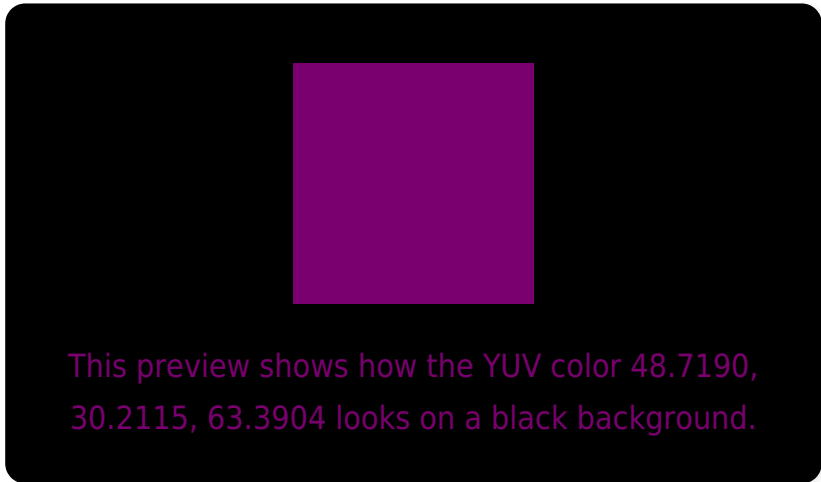
Large Text (above 18pt) WCAG AA ✓ Pass

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

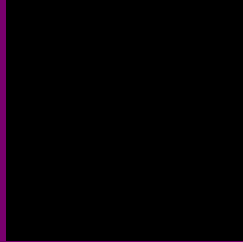
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.7190, 30.2115, 63.3904

Background



This preview shows how black text looks on a background with the YUV color 48.7190, 30.2115, 63.3904.



This preview shows how white text looks on a background with the YUV color 48.7190, 30.2115,

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



Protanopia

54.5880, 41.6151, -47.8737

Deuteranopia

66.9070, 17.7938, -13.9504

Tritanopia

64.8700, -9.3029, 43.9640

Trichromacy



Protanomaly

52.4020, 37.2698, -7.3686

Deuteranomaly

60.0490, 22.6538, 13.9890

Tritanomaly

58.6980, 5.0789, 51.1309

Monochromacy



Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.7160, 10.9860, 23.0511

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.7190, 30.2115, 63.3904 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(121, 0, 110)` looks like.

```
.text, #text, p{  
    color:rgb(121, 0, 110)  
}
```

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(121, 0, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 0, 110) }
```

Border

The CSS property to change the border of an element to YUV 48.7190, 30.2115, 63.3904 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(121, 0, 110) }
```

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

```
.border{ border-color:rgb(121, 0, 110) }
```

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

Here you see how a box with a 4 pixel rgb(121, 0, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 0, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 0, 110);  
box-shadow:4px 4px 4px 4px rgb(121, 0,  
110) }
```


Background

The CSS property to change the background color of an element to YUV 48.7190, 30.2115, 63.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 0, 110) }
```

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

```
.background{ background-color: rgb(121, 0,  
110) }
```

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