

Converting Colors

YUV(61.9090, 48.8519, 57.9618)

Have a look what the booklet for
YUV(61.9090, 48.8519, 57.9618)
contains.

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Color

**YUV(61.9090, 48.8519,
57.9618)**

Conversions

Conversions Part 1

Format	Color
Hex	8009A1
RGB	128, 9, 161
RGB Percent	50%, 4%, 63%
CMY	0.4980, 0.9647, 0.3686
CMYK	0.20, 0.94, 0.00, 0.37
HSL	287°, 89%, 33%
HSV	287°, 94%, 63%
XYZ	15.4328, 7.3578, 34.3250
YIQ	61.9090, 22.1320, 72.5000

Conversions

Conversions Part 2

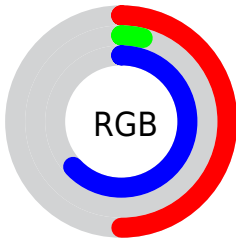
Format	Color
R_{YB}	128, 9, 161
Decimal	8391073
CIE _{Lab}	32.61, 63.26, -52.31
CIE _{LCh}	33, 82.086, 320.412
Yxy	7.3578, 0.2702, 0.1288
Android (android.graphics.Color)	4286581153 (0xFF8009A1)
YUV	61.9090, 48.8519, 57.9618
Hunter-Lab	27.1252, 54.0878, -56.0395

Details

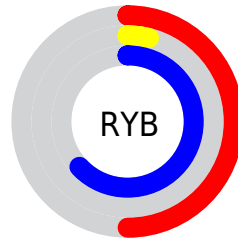
The YUV color **61.9090, 48.8519, 57.9618** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **108.0910, -48.8519, -57.9618**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8390, 44.9424, 51.8842**, and **34.1390, 36.4135, 34.0811** is the 20% darker color. If you saturate the color by 10%, you get **56.0280, 51.7512, 61.3654**, and if you desaturate by 10%, it is **72.1980, 43.7794, 51.5694**.

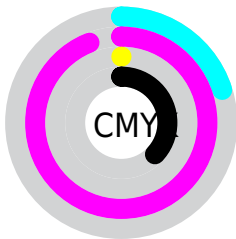
Distribution



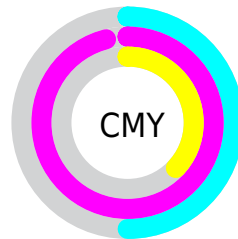
- Red (50%)
- Green (4%)
- Blue (63%)



- Red (50%)
- Yellow (4%)
- Blue (63%)



- Cyan (20%)
- Magenta (94%)
- Yellow (0%)
- Black (37%)



- Cyan (50%)
- Magenta (96%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.9090, 48.8519, 57.9618 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 61.9090, 48.8519, 57.9618 by changing the saturation by 10% instead.

61.9090, 48.8519,
57.9618

61.9090, 48.8519,
57.9618

255.0000, 0.0000,
0.0000

45.1760, 43.7902,
48.0806

125.8390, 44.9424,
51.8842

34.1390, 36.4135,
34.0811

153.6650, 45.5212,
52.9138

23.2160, 29.4735,
19.9816

180.0970, 36.9272,
56.0429

10.9120, 23.7074,
2.7082

199.8220, 27.2028,
48.3911

5.2780, 15.1459,
-4.6288

216.2580, 19.0998,
33.9767


1.3680, 5.2416,
-1.1997


233.2810, 10.7075,


0.0000, 0.0000,


19.0476


0.0000


 250.8910, 2.0257,
3.6036


 61.9090, 48.8519,
57.9618


 61.9090, 48.8519,
57.9618


 56.0280, 51.7512,
61.3654

 72.1980, 43.7794,
51.5694

 82.7860, 38.5595,
45.7917

 93.0750, 33.4870,
39.3992

 103.6630, 28.2671,
33.6215

 114.5390, 22.9053,
26.7143

■ 125.1270, 17.6854,
20.9366

■ 135.4160, 12.6129,
14.5442

■ 146.0040, 7.3930,
8.7665

■ 156.2930, 2.3206,
2.3740

Harmonies

Analogous

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



64.1180, 67.9758, -56.2315



61.9090, 48.8519, 57.9618



63.7250, 17.8836, 97.5882

Triad

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



61.9090, 48.8519, 57.9618



72.8170, -35.8988, 34.3635



73.0810, 23.6241, -64.0920

Complementary

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



61.9090, 48.8519, 57.9618



108.0910, -48.8519, -57.9618

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.



64.1550, -5.4994, -56.2639



61.9090, 48.8519, 57.9618



66.3180, -32.6948, -13.4339

Square

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



61.9090, 48.8519, 57.9618



56.3240, -27.7677, 86.5389



55.7650, -27.4921, -48.9059



78.9920, 48.8109, -69.2760

Rectangle

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



61.9090, 48.8519, 57.9618



61.0300, -1.4938, 106.0907



55.7650, -27.4921, -48.9059



69.9860, 14.3039, -61.3777

Sweetspot

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



61.9090, 48.8519, 57.9618



171.0670, 18.7010, 21.8662



46.8730, 56.2646, -33.2146



81.4760, 11.5973, 13.6145



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



61.9090, 48.8519, 57.9618



72.8620, 67.1160, 79.9280



67.1020, 26.0787, 82.3485



76.1190, 2.8993, 3.4036



50.6160, 46.5313, 55.5878



6.2380, 5.7987, 6.8073

Inverse Universe

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



58.2100, -7.9915, 90.1468



67.6210, -11.1522, 123.9894



102.8980, -26.0787, -82.3485



75.9190, -0.4531, 5.3330



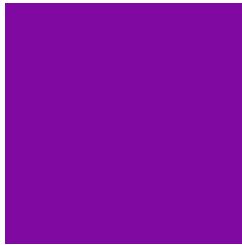
47.0030, -7.3965, 85.9434



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 61.9090, 48.8519, 57.9618 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

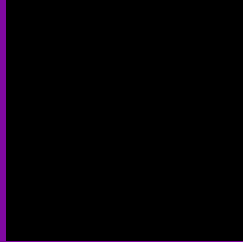
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.9090, 48.8519, 57.9618

Background



This preview shows how black text looks on a background with the YUV color 61.9090, 48.8519, 57.9618.



This preview shows how white text looks on a background with the YUV color 61.9090, 48.8519,

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

61.9090, 48.8519, 57.9618

Protanopia

62.8520, 47.8940, -55.1212

Deuteranopia

63.0340, 38.4372, -55.2808



Tritanopia

79.1180, -5.4812, 31.4685

Trichromacy



Original Color

61.9090, 48.8519, 57.9618

Protanomaly

62.8170, 47.9112, -13.8715

Deuteranomaly

62.6230, 42.0909, -13.7014

Tritanomaly

72.7490, 14.4207, 41.4391

Monochromacy



Original Color

61.9090, 48.8519, 57.9618

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.1270, 17.6854, 20.9366

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.9090, 48.8519, 57.9618 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(128, 9, 161)` looks like.

```
.text, #text, p{  
    color:rgb(128, 9, 161)  
}
```

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(128, 9, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 9, 161) }
```

Border

The CSS property to change the border of an element to YUV 61.9090, 48.8519, 57.9618 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(128, 9, 161) }
```


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

```
.border{ border-color:rgb(128, 9, 161) }
```

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

Here you see how a box with a 4 pixel rgb(128, 9, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 9, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 9, 161);  
box-shadow:4px 4px 4px 4px rgb(128, 9,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 61.9090, 48.8519, 57.9618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 9, 161) }
```

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

```
.background{ background-color: rgb(128, 9,  
161) }
```

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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