

Converting Colors

YUV(59.5190, 63.8341, 59.1808)

Have a look what the booklet for
YUV(59.5190, 63.8341, 59.1808)
contains.

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Color

**YUV(59.5190, 63.8341,
59.1808)**

Conversions

Conversions Part 1

Format	Color
Hex	7F00BD
RGB	127, 0, 189
RGB Percent	50%, 0%, 74%
CMY	0.5020, 1.0000, 0.2588
CMYK	0.33, 1.00, 0.00, 0.26
HSL	280°, 100%, 37%
HSV	280°, 100%, 74%
XYZ	17.9377, 8.1861, 48.7788
YIQ	59.5190, 15.0230, 85.7030

Conversions

Conversions Part 2

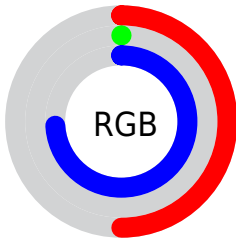
Format	Color
R_{YB}	127, 0, 189
Decimal	8323261
CIE _{Lab}	34.37, 69.70, -66.19
CIE _{LCh}	34, 96.122, 316.478
Yxy	8.1861, 0.2395, 0.1093
Android (android.graphics.Color)	4286513341 (0xFF7F00BD)
YUV	59.5190, 63.8341, 59.1808
Hunter-Lab	28.6114, 61.8390, -81.0537

Details

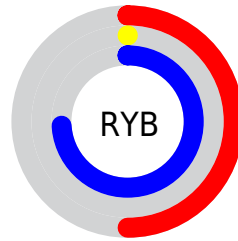
The YUV color **59.5190, 63.8341, 59.1808** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **129.4810, -63.8341, -59.1808**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.8570, 57.7515, 50.1144**, and **35.6080, 48.5073, 28.4078** is the 20% darker color. If you saturate the color by 10%, you get **59.5190, 63.8341, 59.1808**, and if you desaturate by 10%, it is **72.4660, 57.4513, 53.0883**.

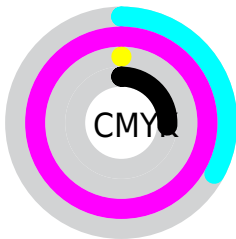
Distribution



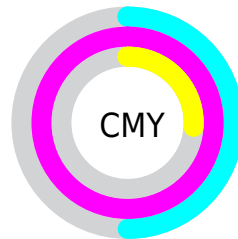
- Red (50%)
- Green (0%)
- Blue (74%)



- Red (50%)
- Yellow (0%)
- Blue (74%)



- Cyan (33%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (50%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.5190, 63.8341, 59.1808 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 59.5190, 63.8341, 59.1808 by changing the saturation by 10% instead.

■ 59.5190, 63.8341,
59.1808

■ 59.5190, 63.8341,
59.1808

■ 255.0000, 0.0000,
0.0000

■ 47.6560, 55.8786,
44.1517

■ 128.8570, 57.7515,
50.1144

■ 35.6080, 48.5073,
28.4078

■ 154.9900, 49.3049,
52.6288

■ 23.3750, 41.7201,
11.9491

■ 180.3960, 36.7798,
56.6577

■ 9.4620, 36.2542,
-8.2982

■ 199.8220, 27.2028,
48.3911

■ 8.9600, 24.1767,
-7.8579

■ 216.8450, 18.8104,
33.4619

■ 5.2780, 15.1459,
-4.6288


■ 233.8680, 10.4181,


■ 1.3680, 5.2416,


18.5328


-1.1997


 251.4780, 1.7363,
3.0888


 0.0000, 0.0000,
0.0000


 59.5190, 63.8341,
59.1808

 72.4660, 57.4513,
53.0883

 85.4130, 51.0684,
46.9958

 98.6590, 44.5381,
41.5181

 111.6060, 38.1552,
35.4255

 124.5530, 31.7724,
29.3330

■ 136.9130, 25.6789,
23.7553

■ 149.8600, 19.2960,
17.6628

■ 163.1060, 12.7657,
12.1850

■ 176.0530, 6.3829,
6.0925

Harmonies

Analogous

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



72.9350, 78.9120, -63.9640



59.5190, 63.8341, 59.1808



70.6750, 23.8242, 105.5250

Triad

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



59.5190, 63.8341, 59.1808



76.1280, -37.5311, 44.6147



76.8310, 22.7613, -67.3808

Complementary

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



59.5190, 63.8341, 59.1808



129.4810, -63.8341, -59.1808

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.



66.3090, -12.4773, -58.1530



59.5190, 63.8341, 59.1808



70.1720, -34.5948, -10.6748

Square

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



59.5190, 63.8341, 59.1808



52.6240, -25.9436, 108.2008



59.2870, -29.2285, -51.9947



85.5120, 53.4846, -74.9940

Rectangle

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



59.5190, 63.8341, 59.1808



68.5630, 0.2154, 117.9012



59.2870, -29.2285, -51.9947



73.7530, 10.9678, -64.6814

Sweetspot

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



59.5190, 63.8341, 59.1808



194.3860, 24.9527, 23.3405



58.5270, 64.3232, -51.3282



91.9860, 14.7969, 14.0443



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



59.5190, 63.8341, 59.1808



76.9660, 82.8408, 76.3288



74.4090, 40.7174, 100.4963



87.8200, 3.0467, 2.7889



49.7060, 53.3889, 49.3698



9.8130, 10.4452, 9.8110

Inverse Universe

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



63.5790, -0.7784, 109.9942



82.3750, -1.1709, 142.6221



114.4770, -41.1542, -100.3963



88.0330, -0.0163, 5.2331



53.1700, -0.5768, 91.9359



10.4090, -0.2016, 18.0583

Previews

White Background



This preview shows how the YUV color 59.5190, 63.8341, 59.1808 looks on a white background.

Color Contrast Check

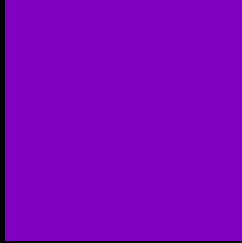
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.5190, 63.8341, 59.1808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

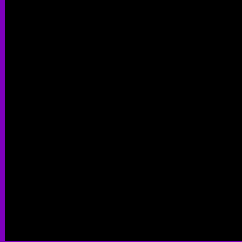
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.5190, 63.8341, 59.1808

Background



This preview shows how black text looks on a background with the YUV color 59.5190, 63.8341, 59.1808.



This preview shows how white text looks on a background with the YUV color 59.5190, 63.8341,

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

66.2260, 50.6676, -58.0802

Deuteranopia

66.5390, 39.1743, -58.3547

Tritanopia

84.4370, -2.6804, 19.7878

Trichromacy



Protanomaly

63.7550, 55.3368, -15.5711

Deuteranomaly

63.9200, 48.3534, -15.7158

Tritanomaly

75.2410, 21.5732, 33.9916

Monochromacy



Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.6200, 23.3583, 21.3813

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.5190, 63.8341, 59.1808 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(127, 0, 189)` looks like.

```
.text, #text, p{  
    color:rgb(127, 0, 189)  
}
```

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(127, 0, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 0, 189) }
```

Border

The CSS property to change the border of an element to YUV 59.5190, 63.8341, 59.1808 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(127, 0, 189) }
```

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

```
.border{ border-color:rgb(127, 0, 189) }
```

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

Here you see how a box with a 4 pixel rgb(127, 0, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 0, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 0, 189);  
box-shadow:4px 4px 4px 4px rgb(127, 0,  
189) }
```


Background

The CSS property to change the background color of an element to YUV 59.5190, 63.8341, 59.1808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 0, 189) }
```

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

```
.background{ background-color: rgb(127, 0,  
189) }
```

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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