

Converting Colors

YUV(64.9080, 33.5694, 59.7167)

Have a look what the booklet for
YUV(64.9080, 33.5694, 59.7167)
contains.

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Color

**YUV(64.9080, 33.5694,
59.7167)**

Conversions

Conversions Part 1

Format	Color
Hex	851185
RGB	133, 17, 133
RGB Percent	52%, 7%, 52%
CMY	0.4784, 0.9333, 0.4784
CMYK	0.00, 0.87, 0.00, 0.48
HSL	300°, 77%, 29%
HSV	300°, 87%, 52%
XYZ	14.1070, 7.0809, 22.8135
YIQ	64.9080, 31.9000, 60.6680

Conversions

Conversions Part 2

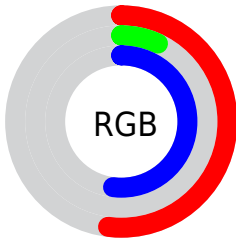
Format	Color
R_{YB}	133, 17, 133
Decimal	8720773
CIE _{Lab}	31.99, 57.87, -36.05
CIE _{LCh}	32, 68.182, 328.084
Yxy	7.0809, 0.3206, 0.1609
Android (android.graphics.Color)	4286910853 (0xFF851185)
YUV	64.9080, 33.5694, 59.7167
Hunter-Lab	26.6100, 48.0622, -32.2042

Details

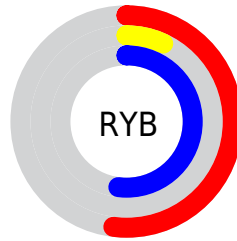
The YUV color **64.9080, 33.5694, 59.7167** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **85.0920, -33.5694, -59.7167**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.7890, 30.6700, 56.3130**, and **33.0830, 24.6091, 40.2692** is the 20% darker color. If you saturate the color by 10%, you get **57.2770, 37.3314, 66.4091**, and if you desaturate by 10%, it is **72.5390, 29.8073, 53.0243**.

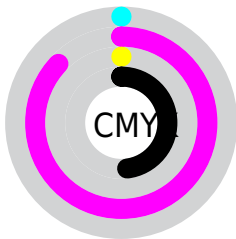
Distribution



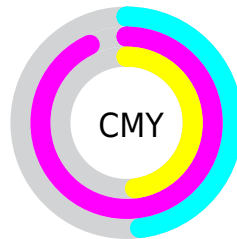
- Red (52%)
- Green (7%)
- Blue (52%)



- Red (52%)
- Yellow (7%)
- Blue (52%)



- Cyan (0%)
- Magenta (87%)
- Yellow (0%)
- Black (48%)



- Cyan (48%)
- Magenta (93%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.9080, 33.5694, 59.7167 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 64.9080, 33.5694, 59.7167 by changing the saturation by 10% instead.

64.9080, 33.5694,
59.7167

64.9080, 33.5694,
59.7167

255.0000, 0.0000,
0.0000

43.8920, 31.1122,
54.4687

124.7890, 30.6700,
56.3130

33.0830, 24.6091,
40.2692

152.5010, 30.8120,
57.4426

22.8720, 17.8111,
27.2993

181.0990, 30.5172,
58.6722

11.9920, 12.3289,
12.2850

200.4090, 26.9134,
47.8763

1.3680, 5.2416,
-1.1997

217.4320, 18.5210,
32.9471

0.0000, 0.0000,
0.0000

234.4550, 10.1287,

18.0180

251.4780, 1.7363,
3.0888

64.9080, 33.5694,
59.7167

64.9080, 33.5694,
59.7167

57.2770, 37.3314,
66.4091

72.5390, 29.8073,
53.0243

54.9290, 38.4890,
68.4683

80.7570, 25.7558,
45.8171

88.3880, 21.9937,
39.1247

96.0190, 18.2316,
32.4323

103.6500, 14.4695,
25.7399

■ 111.8680, 10.4181,
18.5328

■ 119.4990, 6.6560,
11.8404

■ 127.1300, 2.8939,
5.1480

■ 135.3480, -1.1576,
-2.0592

Harmonies

Analogous

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



70.3540, 50.1115, -19.6045



64.9080, 33.5694, 59.7167



57.6720, 11.5007, 91.4957

Triad

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



64.9080, 33.5694, 59.7167



70.9680, -34.9872, 21.9531



70.6020, 26.8182, -61.9180

Complementary

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



64.9080, 33.5694, 59.7167



85.0920, -33.5694, -59.7167

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.



64.3320, 2.7943, -56.4192



64.9080, 33.5694, 59.7167



63.0400, -31.0787, -18.4521

Square

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



64.9080, 33.5694, 59.7167



67.6660, -33.3593, 59.9289



55.1610, -24.7294, -48.3762



74.2160, 45.7425, -65.0874

Rectangle

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



64.9080, 33.5694, 59.7167



54.2800, -4.0820, 96.2244



55.1610, -24.7294, -48.3762



68.5500, 18.9559, -60.1183

Sweetspot

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



64.9080, 33.5694, 59.7167



146.5850, 13.0226, 23.1660



30.2240, 50.6686, -11.5974



71.1510, 7.8136, 13.8996



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



64.9080, 33.5694, 59.7167



71.4490, 50.0646, 89.0602



58.2960, 8.2351, 65.5154



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Inverse Universe

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



64.9080, 33.5694, 59.7167



71.4490, 50.0646, 89.0602



91.7040, -8.2351, -65.5154



62.4780, 1.7363, 3.0888



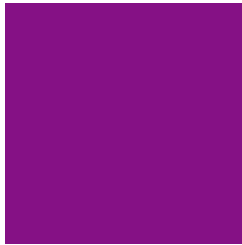
53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Previews

White Background



This preview shows how the YUV color 64.9080, 33.5694, 59.7167 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 64.9080, 33.5694, 59.7167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

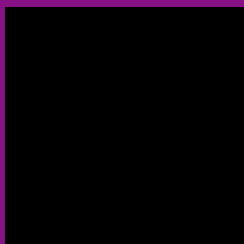
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.9080, 33.5694, 59.7167

Background



This preview shows how black text looks on a background with the YUV color 64.9080, 33.5694, 59.7167.



This preview shows how white text looks on a background with the YUV color 64.9080, 33.5694,

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

64.9080, 33.5694, 59.7167

Protanopia

61.4500, 47.5992, -53.8916

Deuteranopia

73.8010, 25.2411, -22.6275



Tritanopia

75.5710, -9.1555, 43.3492

Trichromacy



Original Color

64.9080, 33.5694, 59.7167

Protanomaly

62.4490, 42.6696, -12.6718

Deuteranomaly

70.4980, 28.3485, 7.4563

Tritanomaly

72.0290, 6.3947, 49.0866

Monochromacy



Original Color

64.9080, 33.5694, 59.7167

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.3460, 12.1544, 21.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.9080, 33.5694, 59.7167 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(133, 17, 133)` looks like.

```
.text, #text, p{  
    color:rgb(133, 17, 133)  
}
```

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(133, 17, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 17, 133) }
```

Border

The CSS property to change the border of an element to YUV 64.9080, 33.5694, 59.7167 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(133, 17, 133) }
```


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

```
.border{ border-color:rgb(133, 17, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 17, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 17, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 17, 133);  
box-shadow:4px 4px 4px 4px rgb(133, 17,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 64.9080, 33.5694, 59.7167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 17, 133) }
```

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

```
.background{ background-color: rgb(133, 17,  
133) }
```

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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