

Converting Colors

YUV(58.1670, 10.2707, 19.1475)

Have a look what the booklet for
YUV(58.1670, 10.2707, 19.1475)
contains.

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Color

**YUV(58.1670, 10.2707,
19.1475)**

Conversions

Conversions Part 1	
Format	Color
Hex	502B4F
RGB	80, 43, 79
RGB Percent	31%, 17%, 31%
CMY	0.6863, 0.8314, 0.6902
CMYK	0.00, 0.46, 0.01, 0.69
HSL	302°, 30%, 24%
HSV	302°, 46%, 31%
XYZ	5.5834, 3.9977, 7.8745
YIQ	58.1670, 10.4960, 19.0400

Conversions

Conversions Part 2

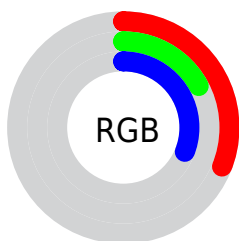
Format	Color
RYB	80, 43, 79
Decimal	5253967
CIELab	23.66, 23.40, -14.94
CIELCh	24, 27.765, 327.445
Yxy	3.9977, 0.3199, 0.2290
Android (android.graphics.Color)	4283444047 (0xFF502B4F)
YUV	58.1670, 10.2707, 19.1475
Hunter-Lab	19.9944, 14.8560, -9.3545

Details

The YUV color **58.1670, 10.2707, 19.1475** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **64.8330, -10.2707, -19.1475**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.2920, 10.7020, 20.7919**, and **14.4550, 10.1287, 18.0180** is the 20% darker color. If you saturate the color by 10%, you get **53.4710, 12.5858, 23.2659**, and if you desaturate by 10%, it is **62.8630, 7.9555, 15.0291**.

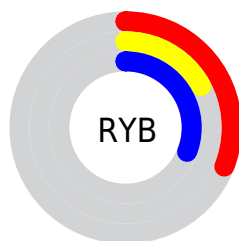
Distribution



Red (31%)

Green (17%)

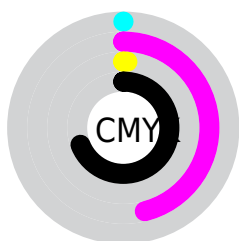
Blue (31%)



Red (31%)

Yellow (17%)

Blue (31%)

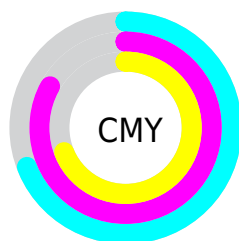


Cyan (0%)

Magenta (46%)

Yellow (1%)

Black (69%)



Cyan (69%)

Magenta (83%)


Yellow (69%)


Brightness & Saturation

Gradients

These gradients show how the YUV color 58.1670, 10.2707, 19.1475 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 58.1670, 10.2707, 19.1475 by changing the saturation by 10% instead.


 58.1670, 10.2707,
19.1475


 58.1670, 10.2707,
19.1475

255.0000, 0.0000,
0.0000


 35.4550, 10.1287,
18.0180


 106.2920, 10.7020,
20.7919


 14.4550, 10.1287,
18.0180


 132.0040, 10.8440,
21.9215

 1.1400, 4.3680,
-0.9998

 157.8300, 11.4228,
22.9511

 0.0000, 0.0000,
0.0000

 185.2430, 11.7122,
23.4659

 212.6560, 12.0016,
23.9807

 235.6290, 9.5499,

16.9884

252.6520, 1.1576,
2.0592

58.1670, 10.2707,
19.1475

58.1670, 10.2707,
19.1475

53.4710, 12.5858,
23.2659

62.8630, 7.9555,
15.0291

48.7750, 14.9009,
27.3843

67.5590, 5.6404,
10.9108

43.9650, 16.7793,
31.6027

72.3690, 3.7621,
6.6924

39.2690, 19.0944,
35.7211

77.0650, 1.4470,
2.5740

34.5730, 21.4095,
39.8395

81.7610, -0.8682,
-1.5444

■ 32.8120, 22.2777,
41.3839

■ 86.4570, -3.1833,
-5.6628

■ 91.2670, -5.0616,
-9.8812

■ 95.9630, -7.3768,
-13.9996

■ 100.6590, -9.6919,
-18.1179

Harmonies

Analogous

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



57.2720, 17.6139, -2.8695



58.1670, 10.2707, 19.1475



56.8390, 1.0654, 31.7132

Triad

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



58.1670, 10.2707, 19.1475



54.2840, -20.8460, 12.9059



47.2920, 13.6600, -41.4751

Complementary

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



58.1670, 10.2707, 19.1475



64.8330, -10.2707, -19.1475

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.



44.8980, 4.4873, -39.3755



58.1670, 10.2707, 19.1475



52.3960, -17.4502, -2.9783

Square

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



58.1670, 10.2707, 19.1475



55.3980, -16.9582, 25.9610



48.1960, -7.4916, -23.8509



47.9420, 21.2276, -42.0451

Rectangle

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



58.1670, 10.2707, 19.1475



55.8410, -5.3446, 34.3424



48.1960, -7.4916, -23.8509



47.0810, 10.3131, -41.2900

Sweetspot

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



58.1670, 10.2707, 19.1475



96.0810, 3.9041, 7.8220



47.5170, 16.0141, -3.0844



48.0160, 2.4571, 5.2480



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



58.1670, 10.2707, 19.1475



70.1390, 16.2005, 30.5731



56.1150, 2.4083, 20.9471



38.6520, 1.1576, 2.0592



43.0230, 29.0757, 54.3538



95.1320, 64.5179, 120.0332

Inverse Universe

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



58.1670, 10.2707, 19.1475



70.1390, 16.2005, 30.5731



66.8850, -2.4083, -20.9471



38.6520, 1.1576, 2.0592



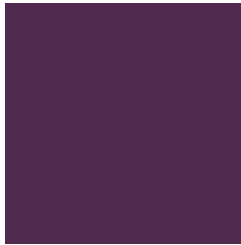
43.0230, 29.0757, 54.3538



95.1320, 64.5179, 120.0332

Previews

White Background



This preview shows how the YUV color 58.1670, 10.2707, 19.1475 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 58.1670, 10.2707, 19.1475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

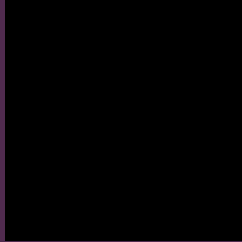
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.1670, 10.2707, 19.1475

Background



This preview shows how black text looks on a background with the YUV color 58.1670, 10.2707, 19.1475.



This preview shows how white text looks on a background with the YUV color 58.1670, 10.2707,

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

58.1670, 10.2707, 19.1475

Protanopia

56.1740, 16.1832, -10.6766

Deuteranopia





56.8990, 9.9098, -5.1734





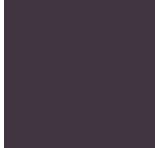
Tritanopia

57.8280, -2.3802, 16.8138

Trichromacy

	Original Color 58.1670, 10.2707, 19.1475
	Protanomaly 56.6700, 13.9667, 0.2894
	Deuteranomaly 57.3670, 10.1721, 4.0631
	Tritanomaly 57.9790, 1.9824, 17.5584

Monochromacy

	Original Color 58.1670, 10.2707, 19.1475
	Achromatopsia 58.0000, 0.0000, 0.0000
	Achromatomaly 58.3690, 3.7621, 6.6924

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.1670, 10.2707, 19.1475 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(80, 43, 79)` looks like.

```
.text, #text, p{  
    color:rgb(80, 43, 79)  
}
```

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(80, 43, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 43, 79) }
```

Border

The CSS property to change the border of an element to YUV 58.1670, 10.2707, 19.1475 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(80, 43, 79) }
```


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

```
.border{ border-color:rgb(80, 43, 79) }
```

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

Here you see how a box with a 4 pixel rgb(80, 43, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 43, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 43, 79);  
box-shadow:4px 4px 4px 4px rgb(80, 43, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.1670, 10.2707, 19.1475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 43, 79) }
```

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

```
.background{ background-color: rgb(80, 43,  
79) }
```

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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