

Converting Colors

YUV(51.9660, 18.7508, 52.6498)

Have a look what the booklet for
YUV(51.9660, 18.7508, 52.6498)
contains.

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Color

**YUV(51.9660, 18.7508,
52.6498)**

Conversions

Conversions Part 1

Format	Color
Hex	700E5A
RGB	112, 14, 90
RGB Percent	44%, 5%, 35%
CMY	0.5608, 0.9451, 0.6471
CMYK	0.00, 0.87, 0.20, 0.56
HSL	313°, 78%, 25%
HSV	313°, 87%, 44%
XYZ	8.6846, 4.4970, 10.0831
YIQ	51.9660, 34.0120, 44.4120

Conversions

Conversions Part 2

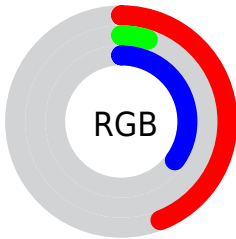
Format	Color
R_{YB}	112, 14, 90
Decimal	7343706
CIE _{Lab}	25.25, 47.40, -19.36
CIE _{LCh}	25, 51.200, 337.779
Yxy	4.4970, 0.3733, 0.1933
Android (android.graphics.Color)	4285533786 (0xFF700E5A)
YUV	51.9660, 18.7508, 52.6498
Hunter-Lab	21.2061, 35.9907, -13.3470

Details

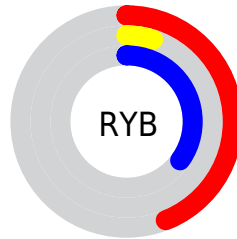
The YUV color **51.9660, 18.7508, 52.6498** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **74.0340, -18.7508, -52.6498**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.1570, 15.6986, 51.6053**, and **22.9560, 10.3747, 32.4876** is the 20% darker color. If you saturate the color by 10%, you get **45.1670, 20.6237, 58.6125**, and if you desaturate by 10%, it is **58.7650, 16.8779, 46.6871**.

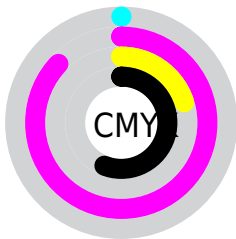
Distribution



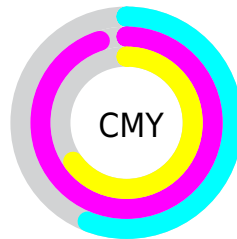
- Red (44%)
- Green (5%)
- Blue (35%)



- Red (44%)
- Yellow (5%)
- Blue (35%)



- Cyan (0%)
- Magenta (87%)
- Yellow (20%)
- Black (56%)



- Cyan (56%)
- Magenta (95%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.9660, 18.7508, 52.6498 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 51.9660, 18.7508, 52.6498 by changing the saturation by 10% instead.

■ 51.9660, 18.7508,
52.6498

■ 51.9660, 18.7508,
52.6498

255.0000, 0.0000,
0.0000

■ 33.2380, 16.1517,
46.2723

■ 108.1570, 15.6986,
51.6053

■ 22.9560, 10.3747,
32.4876

■ 134.8690, 15.8406,
52.7349

■ 13.3860, 4.7397,
19.8325

■ 162.4670, 15.5458,
53.9644

■ 0.0000, 0.0000,
0.0000


■ 190.4780, 15.5403,
55.7088


■ 210.5190, 19.9571,
39.0098


■ 227.4110, 13.6014,


24.1956


 244.4340, 5.2090,
9.2664


 51.9660, 18.7508,
52.6498


 51.9660, 18.7508,
52.6498


 45.1670, 20.6237,
58.6125

 58.7650, 16.8779,
46.6871

 43.4060, 21.4918,
60.1569

 65.4500, 14.5681,
40.8243

 72.8360, 12.4059,
34.3468

 79.5210, 10.0961,
28.4841

 86.3200, 8.2232,
22.5214

■ 93.0050, 5.9135,
16.6586

■ 99.8040, 4.0406,
10.6959

■ 107.0760, 1.4415,
4.3183

■ 113.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



60.6660, 30.2377, 8.1859



51.9660, 18.7508, 52.6498



43.6020, 4.1402, 72.2630

Triad

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



51.9660, 18.7508, 52.6498



56.1280, -27.6711, 8.6577



56.8100, 24.7437, -49.8224

Complementary

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



51.9660, 18.7508, 52.6498



74.0340, -18.7508, -52.6498

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.



52.4780, 8.1453, -46.0232



51.9660, 18.7508, 52.6498



47.0700, -23.2055, -23.7404

Square

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



51.9660, 18.7508, 52.6498



56.5920, -27.8999, 35.4378



46.6300, -9.1846, -40.8945



57.3120, 36.8212, -50.2626

Rectangle

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



51.9660, 18.7508, 52.6498



45.7250, -9.2314, 67.7702



46.6300, -9.1846, -40.8945



55.4420, 19.5021, -48.6226

Sweetspot

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



51.9660, 18.7508, 52.6498



122.3690, 7.2131, 19.8474



31.4510, 39.7107, 3.1125



59.9290, 4.4720, 12.3403



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



51.9660, 18.7508, 52.6498



56.2370, 27.9842, 77.8452



46.4940, -2.2155, 57.4488



52.3640, 1.2995, 3.1888



46.4820, 22.9334, 64.4753



95.7410, 47.4557, 132.6541

Inverse Universe

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



51.9660, 18.7508, 52.6498



56.2370, 27.9842, 77.8452



79.5060, 2.2155, -57.4488



52.3640, 1.2995, 3.1888



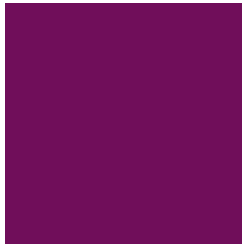
46.4820, 22.9334, 64.4753



95.7410, 47.4557, 132.6541

Previews

White Background



This preview shows how the YUV color 51.9660, 18.7508, 52.6498 looks on a white background.

Color Contrast Check

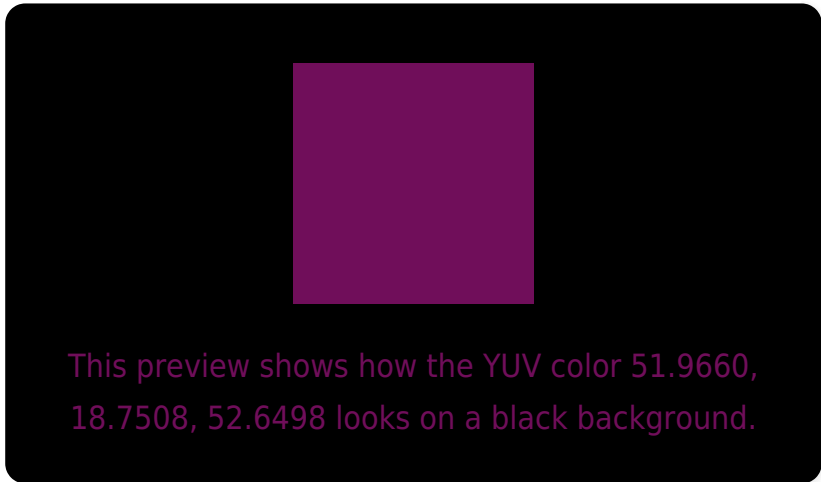
Large Text (above 18pt) WCAG AA ✓ Pass

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

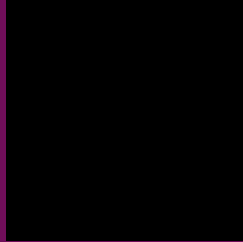
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.9660, 18.7508, 52.6498

Background



This preview shows how black text looks on a background with the YUV color 51.9660, 18.7508, 52.6498.



This preview shows how white text looks on a background with the YUV color 51.9660, 18.7508,

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

51.9660, 18.7508, 52.6498

Protanopia

54.5530, 34.7304, -32.9340

Deuteranopia

61.9420, 11.3676, -6.0881



Tritanopia

58.4570, -9.5923, 43.4492

Trichromacy



Original Color

51.9660, 18.7508, 52.6498

Protanomaly

53.5570, 28.8124, -1.3655

Deuteranomaly

58.4700, 14.0653, 15.3738

Tritanomaly

56.2260, 0.8746, 46.2828

Monochromacy



Original Color

51.9660, 18.7508, 52.6498

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9560, 6.9237, 19.3326

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.9660, 18.7508, 52.6498 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(112, 14, 90)` looks like.

```
.text, #text, p{  
    color:rgb(112, 14, 90)  
}
```

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(112, 14, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 14, 90) }
```

Border

The CSS property to change the border of an element to YUV 51.9660, 18.7508, 52.6498 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(112, 14, 90) }
```


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

```
.border{ border-color:rgb(112, 14, 90) }
```

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

Here you see how a box with a 4 pixel rgb(112, 14, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 14, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 14, 90);  
box-shadow:4px 4px 4px 4px rgb(112, 14,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 51.9660, 18.7508, 52.6498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 14, 90) }
```

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

```
.background{ background-color: rgb(112, 14,  
90) }
```

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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