

Converting Colors

YUV(53.7870, 50.3910, 30.8818)

Have a look what the booklet for
YUV(53.7870, 50.3910, 30.8818)
contains.

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Color

**YUV(53.7870, 50.3910,
30.8818)**

Conversions

Conversions Part 1

Format	Color
Hex	59109C
RGB	89, 16, 156
RGB Percent	35%, 6%, 61%
CMY	0.6510, 0.9373, 0.3882
CMYK	0.43, 0.90, 0.00, 0.39
HSL	271°, 81%, 34%
HSV	271°, 90%, 61%
XYZ	10.3059, 4.8947, 31.8541
YIQ	53.7870, -1.4320, 59.0160

Conversions

Conversions Part 2

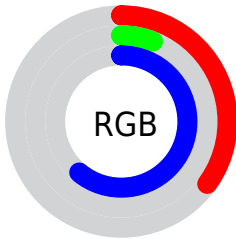
Format	Color
R_{YB}	89, 16, 156
Decimal	5836956
CIE _{Lab}	26.43, 55.53, -59.61
CIE _{LCh}	26, 81.464, 312.968
Yxy	4.8947, 0.2190, 0.1040
Android (android.graphics.Color)	4284027036 (0xFF59109C)
YUV	53.7870, 50.3910, 30.8818
Hunter-Lab	22.1240, 44.4322, -69.8787

Details

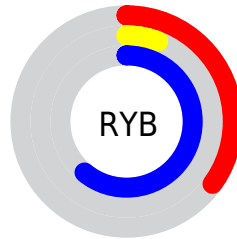
The YUV color **53.7870, 50.3910, 30.8818** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **118.2130, -50.3910, -30.8818**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.6730, 49.9542, 30.9818**, and **20.1140, 40.8628, 6.9160** is the 20% darker color. If you saturate the color by 10%, you get **42.3020, 56.0531, 34.8151**, and if you desaturate by 10%, it is **65.2720, 44.7289, 26.9485**.

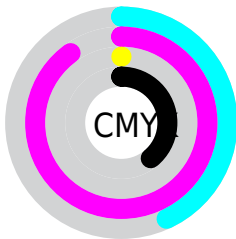
Distribution



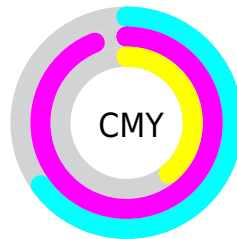
- Red (35%)
- Green (6%)
- Blue (61%)



- Red (35%)
- Yellow (6%)
- Blue (61%)



- Cyan (43%)
- Magenta (90%)
- Yellow (0%)
- Black (39%)



- Cyan (65%)
- Magenta (94%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.7870, 50.3910, 30.8818 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 53.7870, 50.3910, 30.8818 by changing the saturation by 10% instead.

■ 53.7870, 50.3910,
30.8818

■ 53.7870, 50.3910,
30.8818

■ 255.0000, 0.0000,
0.0000

■ 32.6460, 47.5025,
23.9895

■ 110.6730, 49.9542,
30.9818

■ 20.1140, 40.8628,
6.9160

■ 137.4990, 50.5330,
32.0114

■ 8.8920, 34.0702,
-7.7983

■ 163.7290, 44.9966,
34.4407

■ 9.0910, 22.1401,
-7.9728

■ 188.5480, 32.7608,
38.9844

■ 4.8220, 13.3988,
-4.2289

■ 211.5620, 21.4149,
38.0951


■ 0.4560, 1.7472,
-0.3999


■ 227.9980, 13.3120,


■ 0.0000, 0.0000,


23.6808


0.0000


 245.0210, 4.9196,
8.7516


 53.7870, 50.3910,
30.8818


 53.7870, 50.3910,
30.8818


 42.3020, 56.0531,
34.8151


 65.2720, 44.7289,
26.9485

 42.0030, 56.2005,
34.2004

 76.4690, 39.2088,
24.1447

 87.9540, 33.5467,
20.2113

 99.1510, 28.0266,
17.4076

 110.6360, 22.3645,
13.4742

■ 122.4200, 16.5549,
10.1557

■ 133.3180, 11.1822,
6.7371

■ 145.1020, 5.3727,
3.4185

■ 156.0000, 0.0000,
0.0000

Harmonies

Analogous

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



59.0000, 63.5970, -51.7430



53.7870, 50.3910, 30.8818



56.0650, 22.1530, 81.5040

Triad

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



53.7870, 50.3910, 30.8818



57.8100, -28.5003, 41.3856



59.4540, 14.5662, -52.1412

Complementary

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



53.7870, 50.3910, 30.8818



118.2130, -50.3910, -30.8818

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.



50.5280, -14.5573, -44.3131



53.7870, 50.3910, 30.8818



56.0510, -27.6331, -3.5527

Square

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



53.7870, 50.3910, 30.8818



42.7570, -21.0792, 87.9131



45.7860, -22.5725, -40.1543



66.7670, 40.0479, -58.5547

Rectangle

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



53.7870, 50.3910, 30.8818



54.9790, 2.4754, 92.9804



45.7860, -22.5725, -40.1543



56.4730, 5.6828, -49.5268

Sweetspot

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



53.7870, 50.3910, 30.8818



163.9410, 19.7491, 12.3297



71.8760, 41.4731, -49.0033



77.8450, 11.9084, 7.1519



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



53.7870, 50.3910, 30.8818



54.9500, 73.4817, 44.7708



73.5920, 39.6411, 72.2718



73.1080, 2.9048, 1.6593



38.4280, 51.5540, 31.1966



4.1020, 5.3727, 3.4185

Inverse Universe

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



65.4980, 8.6285, 79.3703



72.1680, 12.7352, 115.6167



98.4080, -39.6411, -72.2718



73.8480, 0.5679, 4.5183



50.5090, 8.6231, 81.1146



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 53.7870, 50.3910, 30.8818 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 53.7870, 50.3910, 30.8818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

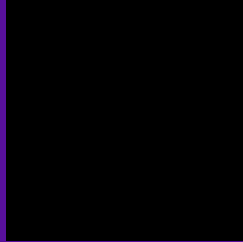
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.7870, 50.3910, 30.8818

Background



This preview shows how black text looks on a background with the YUV color 53.7870, 50.3910, 30.8818.



This preview shows how white text looks on a background with the YUV color 53.7870, 50.3910,

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

53.7870, 50.3910, 30.8818

Protanopia

51.2140, 38.8415, -44.9147

Deuteranopia

51.5100, 29.8216, -45.1743



Tritanopia

64.6630, 1.1521, 3.8035

Trichromacy



Original Color

53.7870, 50.3910, 30.8818

Protanomaly

51.8290, 42.9753, -17.3900

Deuteranomaly

52.3360, 37.3024, -17.8347

Tritanomaly

60.4250, 19.0175, 13.6593

Monochromacy



Original Color

53.7870, 50.3910, 30.8818

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8870, 18.2967, 11.5001

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.7870, 50.3910, 30.8818 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(89, 16, 156)` looks like.

```
.text, #text, p{  
    color:rgb(89, 16, 156)  
}
```

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(89, 16, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 16, 156) }
```

Border

The CSS property to change the border of an element to YUV 53.7870, 50.3910, 30.8818 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(89, 16, 156) }
```


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

```
.border{ border-color:rgb(89, 16, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 16, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 16, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 16, 156);  
box-shadow:4px 4px 4px 4px rgb(89, 16,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 53.7870, 50.3910, 30.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 16, 156) }
```

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

```
.background{ background-color: rgb(89, 16,  
156) }
```

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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