

Converting Colors

YUV(58.3780, 13.6176, 18.9625)

Have a look what the booklet for
YUV(58.3780, 13.6176, 18.9625)
contains.

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Color

**YUV(58.3780, 13.6176,
18.9625)**

Conversions

Conversions Part 1

Format	Color
Hex	502A56
RGB	80, 42, 86
RGB Percent	31%, 16%, 34%
CMY	0.6863, 0.8353, 0.6627
CMYK	0.07, 0.51, 0.00, 0.66
HSL	292°, 34%, 25%
HSV	292°, 51%, 34%
XYZ	5.8159, 4.0333, 9.2761
YIQ	58.3780, 8.5240, 21.7400

Conversions

Conversions Part 2

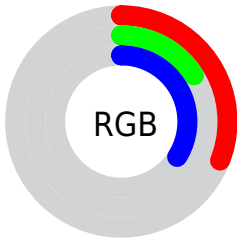
Format	Color
R_{YB}	80, 42, 86
Decimal	5253718
CIE _{Lab}	23.78, 25.56, -19.41
CIE _{LCh}	24, 32.096, 322.779
Yxy	4.0333, 0.3041, 0.2109
Android (android.graphics.Color)	4283443798 (0xFF502A56)
YUV	58.3780, 13.6176, 18.9625
Hunter-Lab	20.0830, 16.5473, -13.3271

Details

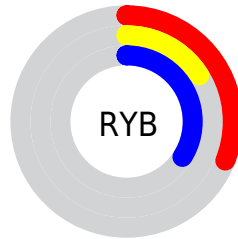
The YUV color **58.3780, 13.6176, 18.9625** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **69.6220, -13.6176, -18.9625**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.6170, 14.4858, 20.5069**, and **15.1390, 12.7495, 17.4181** is the 20% darker color. If you saturate the color by 10%, you get **52.7960, 16.3696, 22.9809**, and if you desaturate by 10%, it is **63.9600, 10.8657, 14.9441**.

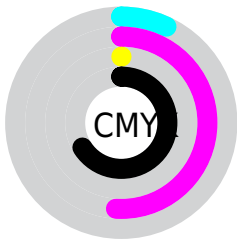
Distribution



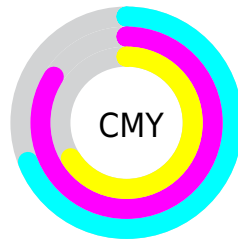
- Red (31%)
- Green (16%)
- Blue (34%)



- Red (31%)
- Yellow (16%)
- Blue (34%)



- Cyan (7%)
- Magenta (51%)
- Yellow (0%)
- Black (66%)



- Cyan (69%)
- Magenta (84%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.3780, 13.6176, 18.9625 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 58.3780, 13.6176, 18.9625 by changing the saturation by 10% instead.

■ 58.3780, 13.6176,
18.9625

■ 58.3780, 13.6176,
18.9625

■ 255.0000, 0.0000,
0.0000

■ 35.6660, 13.4757,
17.8329

■ 106.6170, 14.4858,
20.5069

■ 15.1390, 12.7495,
17.4181

■ 132.3290, 14.6278,
21.6365

■ 2.7530, 8.0098,
-2.4144

■ 158.7420, 14.9172,
22.1513

■ 0.0000, 0.0000,
0.0000

■ 185.5680, 15.4960,
23.1809

■ 213.9810, 15.7854,
23.6957

■ 235.6290, 9.5499,

16.9884

252.0650, 1.4470,
2.5740

58.3780, 13.6176,
18.9625

58.3780, 13.6176,
18.9625

52.7960, 16.3696,
22.9809

63.9600, 10.8657,
14.9441

47.8010, 18.8321,
26.4845

68.9550, 8.4032,
11.4405

41.9200, 21.7314,
29.8882

74.8360, 5.5039,
8.0368

36.9250, 24.1940,
33.3918

79.8310, 3.0413,
4.5332

31.9300, 26.6565,
36.8954

85.4130, 0.2894,
0.5148

■ 90.9950, -2.4625,
-3.5036

■ 95.9900, -4.9251,
-7.0072

■ 101.5720, -7.6770,
-11.0256

■ 106.8660,
-10.2869, -13.9145

Harmonies

Analogous

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



56.3790, 21.9982, -9.1024



58.3780, 13.6176, 18.9625



56.1430, 3.3805, 35.8316

Triad

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



58.3780, 13.6176, 18.9625



53.5790, -24.9354, 17.9092



48.4660, 13.0813, -42.5047

Complementary

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



58.3780, 13.6176, 18.9625



69.6220, -13.6176, -18.9625

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.



45.6160, 2.1613, -40.0052



58.3780, 13.6176, 18.9625



51.7400, -22.5498, -0.6490

Square

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



58.3780, 13.6176, 18.9625



55.0890, -18.2849, 31.4939



46.8000, -10.2544, -24.3806



49.5720, 22.3960, -43.4746

Rectangle

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



58.3780, 13.6176, 18.9625



54.6290, -3.7611, 39.7904



46.8000, -10.2544, -24.3806



47.5540, 9.5869, -41.7049

Sweetspot

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



58.3780, 13.6176, 18.9625



101.4230, 5.2145, 7.5220



51.1250, 17.1934, -8.0026



49.8310, 3.0413, 4.5332



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



58.3780, 13.6176, 18.9625



69.3930, 21.0053, 29.4733



58.4620, 6.1812, 24.1508



40.6520, 1.1576, 2.0592



39.7060, 33.1759, 45.8618



87.4870, 72.7239, 101.3049

Inverse Universe

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



55.8400, -3.8651, 26.4503



65.3580, -6.0925, 40.9050



69.5380, -6.1812, -24.1508



40.3100, -0.1528, 2.3591



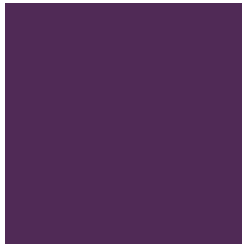
33.7030, -9.2206, 64.2815



73.9130, -20.6631, 141.2733

Previews

White Background



This preview shows how the YUV color 58.3780, 13.6176, 18.9625 looks on a white background.

Color Contrast Check

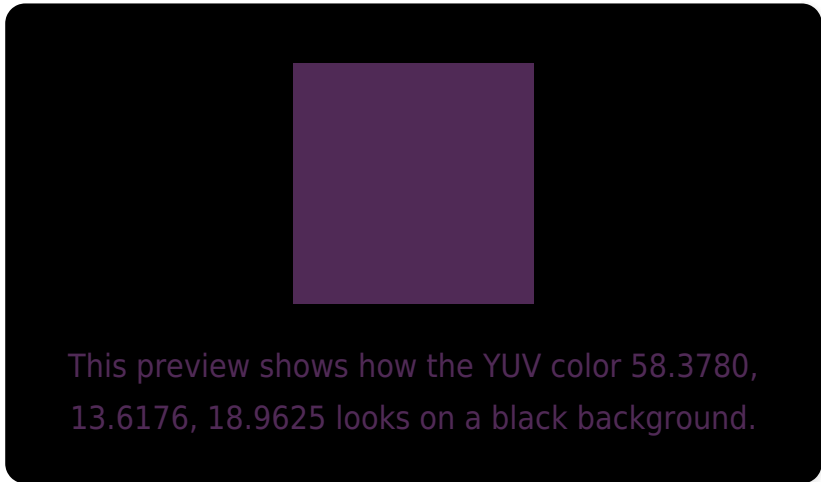
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.3780, 13.6176, 18.9625

Background



This preview shows how black text looks on a background with the YUV color 58.3780, 13.6176, 18.9625.



This preview shows how white text looks on a background with the YUV color 58.3780, 13.6176,

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

58.3780, 13.6176, 18.9625

Protanopia

55.7050, 20.8514, -14.6503

Deuteranopia

56.6750, 12.9782, -9.3620



Tritanopia

58.2300, -2.0854, 15.5843

Trichromacy



Original Color

58.3780, 13.6176, 18.9625

Protanomaly

56.7990, 18.3401, -2.4547

Deuteranomaly

57.4420, 13.0931, 0.4894

Tritanomaly

58.1360, 3.8770, 16.5437

Monochromacy



Original Color

58.3780, 13.6176, 18.9625

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.0100, 4.9251, 7.0072

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.3780, 13.6176, 18.9625 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, 42, 86)` looks like.

```
.text, #text, p{  
    color:rgb(80, 42, 86)  
}
```

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, 42, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 42, 86) }
```

Border

The CSS property to change the border of an element to YUV 58.3780, 13.6176, 18.9625 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, 42, 86) }
```


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

```
.border{ border-color:rgb(80, 42, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 42, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 42, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 42, 86);  
box-shadow:4px 4px 4px 4px rgb(80, 42, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.3780, 13.6176, 18.9625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 42, 86) }
```

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

```
.background{ background-color: rgb(80, 42,  
86) }
```

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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