

Converting Colors

YUV(58.7580, 10.4723, 1.0892)

Have a look what the booklet for
YUV(58.7580, 10.4723, 1.0892)
contains.

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Color

**YUV(58.7580, 10.4723,
1.0892)**

Conversions

Conversions Part 1

Format	Color
Hex	3C3650
RGB	60, 54, 80
RGB Percent	24%, 21%, 31%
CMY	0.7647, 0.7882, 0.6863
CMYK	0.25, 0.32, 0.00, 0.69
HSL	254°, 19%, 26%
HSV	254°, 32%, 31%
XYZ	4.6306, 4.1782, 8.1518
YIQ	58.7580, -4.7700, 9.3580

Conversions

Conversions Part 2

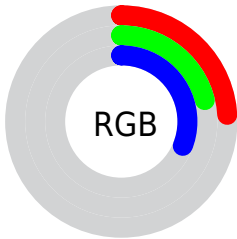
Format	Color
R_{YB}	60, 54, 80
Decimal	3946064
CIE Lab	24.25, 9.12, -14.89
CIE LCh	24, 17.462, 301.468
Yxy	4.1782, 0.2730, 0.2463
Android (android.graphics.Color)	4282136144 (0xFF3C3650)
YUV	58.7580, 10.4723, 1.0892
Hunter-Lab	20.4406, 4.6664, -9.3368

Details

The YUV color **58.7580, 10.4723, 1.0892** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **75.2420, -10.4723, -1.0892**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.2850, 11.1985, 1.5041**, and **15.2420, 9.7407, 2.4188** is the 20% darker color. If you saturate the color by 10%, you get **52.2680, 13.6719, 1.5190**, and if you desaturate by 10%, it is **65.2480, 7.2727, 0.6595**.

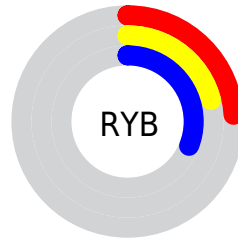
Distribution



Red (24%)

Green (21%)

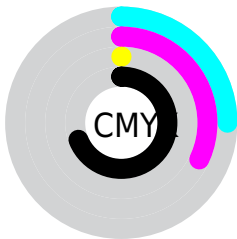
Blue (31%)



Red (24%)

Yellow (21%)

Blue (31%)

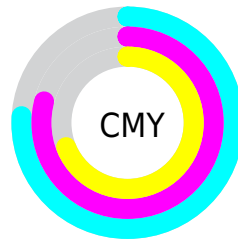


Cyan (25%)

Magenta (32%)

Yellow (0%)

Black (69%)



Cyan (76%)

Magenta (79%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.7580, 10.4723, 1.0892 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 58.7580, 10.4723, 1.0892 by changing the saturation by 10% instead.

■ 58.7580, 10.4723,
1.0892

■ 58.7580, 10.4723,
1.0892

■ 255.0000, 0.0000,
0.0000

■ 37.2310, 9.7461,
0.6744

■ 106.2850, 11.1985,
1.5041

■ 15.2420, 9.7407,
2.4188

■ 131.3990, 11.6353,
1.4041

■ 1.3680, 5.2416,
-1.1997

■ 157.8120, 11.9247,
1.9189

■ 0.0000, 0.0000,
0.0000

■ 184.3390, 12.6509,
2.3337

■ 212.0400, 12.7983,
1.7189

■ 239.0850, 7.8461,

3.4335

■ 58.7580, 10.4723,
1.0892

■ 58.7580, 10.4723,
1.0892

■ 52.2680, 13.6719,
1.5190

■ 65.2480, 7.2727,
0.6595

■ 45.7780, 16.8714,
1.9487

■ 71.7380, 4.0732,
0.2298

■ 39.2880, 20.0710,
2.3784

■ 78.2280, 0.8736,
-0.2000

■ 32.4990, 23.4180,
2.1934

■ 85.0170, -2.4734,
-0.0149

■ 26.0090, 26.6176,
2.6231

■ 91.5070, -5.6730,
-0.4446

■ 19.5190, 29.8171,
3.0528

■ 97.9970, -8.8725,
-0.8744

■ 14.5020, 32.2905,
3.0677

■ 104.4870,
-12.0721, -1.3041

■ 110.9770,
-15.2717, -1.7338

■ 117.4670,
-18.4712, -2.1636

Harmonies

Analogous

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



56.1690, 13.7207, -14.1802



58.7580, 10.4723, 1.0892



59.7550, 5.0508, 13.3699

Triad

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



58.7580, 10.4723, 1.0892



57.8250, -11.2527, 15.9395



50.1490, 3.8705, -28.1947

Complementary

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



58.7580, 10.4723, 1.0892



75.2420, -10.4723, -1.0892

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.



53.4620, -4.1718, -15.3142



58.7580, 10.4723, 1.0892



56.7270, -12.6834, 8.1324

Square

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



58.7580, 10.4723, 1.0892



58.7100, -6.7590, 21.3023



55.3450, -10.0301, -2.9336



46.8580, 11.9020, -37.5865

Rectangle

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



58.7580, 10.4723, 1.0892



59.4630, 1.2507, 18.8879



55.3450, -10.0301, -2.9336



51.0850, 0.9441, -22.8765

Sweetspot

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



58.7580, 10.4723, 1.0892



96.1510, 4.3626, 0.7446



68.7040, 5.5689, -12.8954



48.3960, 2.7628, 0.5297



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.



58.7580, 10.4723, 1.0892



71.3650, 16.5821, 1.4339



62.6450, 8.5560, 9.0813



37.7550, 1.5998, 0.2149



19.1460, 42.3260, 4.2570



42.5940, 93.3772, 10.0031

Inverse Universe

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



64.0540, 4.9034, 13.9846



79.7930, 7.4971, 22.1065



71.3550, -8.5560, -9.0813



38.5380, 0.7208, 2.1592



40.5150, 19.4661, 56.5533



89.7740, 43.9884, 124.7322

Previews

White Background



This preview shows how the YUV color 58.7580, 10.4723, 1.0892 looks on a white background.

Color Contrast Check

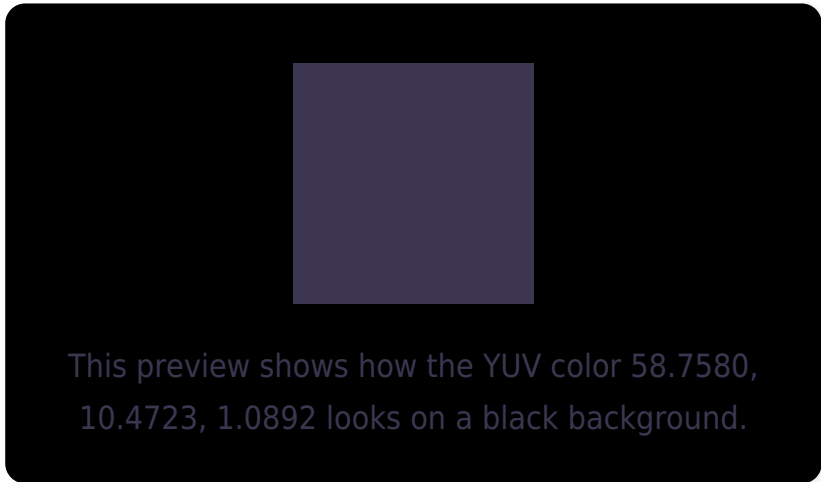
Large Text (above 18pt) WCAG AA ✓ Pass

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

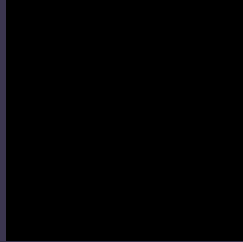
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.7580, 10.4723, 1.0892

Background



This preview shows how black text looks on a background with the YUV color 58.7580, 10.4723, 1.0892.



This preview shows how white text looks on a background with the YUV color 58.7580, 10.4723,

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

58.7580, 10.4723, 1.0892

Protanopia

57.7570, 11.9518, -6.8029

Deuteranopia

57.7140, 10.4940, -5.8882



Tritanopia

58.1570, 1.8946, -1.0147

Trichromacy



Original Color

58.7580, 10.4723, 1.0892

Protanomaly

58.2520, 11.2148, -3.7290

Deuteranomaly

58.0240, 10.3412, -3.5290

Tritanomaly

58.6670, 5.0942, -0.5850

Monochromacy



Original Color

58.7580, 10.4723, 1.0892

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.7380, 4.0732, 0.2298

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.7580, 10.4723, 1.0892 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(60, 54, 80)` looks like.

```
.text, #text, p{  
    color:rgb(60, 54, 80)  
}
```

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(60, 54, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 54, 80) }
```

Border

The CSS property to change the border of an element to YUV 58.7580, 10.4723, 1.0892 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(60, 54, 80) }
```


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

```
.border{ border-color:rgb(60, 54, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 54, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 54, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 54, 80);  
box-shadow:4px 4px 4px 4px rgb(60, 54, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.7580, 10.4723, 1.0892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 54, 80) }
```

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

```
.background{ background-color: rgb(60, 54,  
80) }
```

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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