

Converting Colors

YUV(58.0010, 55.7085, 5.2611)

Have a look what the booklet for
YUV(58.0010, 55.7085, 5.2611)
contains.

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Color

**YUV(58.0010, 55.7085,
5.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	4021AB
RGB	64, 33, 171
RGB Percent	25%, 13%, 67%
CMY	0.7490, 0.8706, 0.3294
CMYK	0.63, 0.81, 0.00, 0.33
HSL	253°, 68%, 40%
HSV	253°, 81%, 67%
XYZ	10.0089, 5.1180, 38.9884
YIQ	58.0010, -25.8220, 49.4900

Conversions

Conversions Part 2

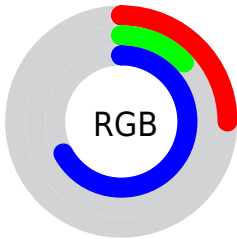
Format	Color
RYB	64, 33, 171
Decimal	4202923
CIELab	27.07, 50.47, -67.77
CIELCh	27, 84.498, 306.679
Yxy	5.1180, 0.1850, 0.0946
Android (android.graphics.Color)	4282393003 (0xFF4021AB)
YUV	58.0010, 55.7085, 5.2611
Hunter-Lab	22.6229, 39.3822, -86.3444

Details

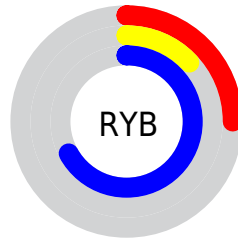
The YUV color **58.0010, 55.7085, 5.2611** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **145.9990, -55.7085, -5.2611**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0880, 57.1446, 11.3238**, and **13.3380, 51.1054, -11.6974** is the 20% darker color. If you saturate the color by 10%, you get **44.1350, 62.5444, 6.0206**, and if you desaturate by 10%, it is **71.8670, 48.8726, 4.5016**.

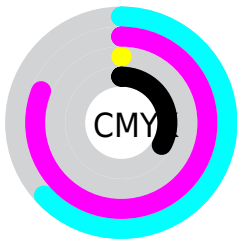
Distribution



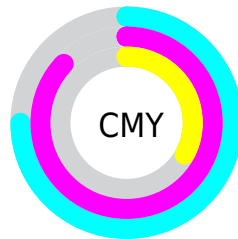
- Red (25%)
- Green (13%)
- Blue (67%)



- Red (25%)
- Yellow (13%)
- Blue (67%)



- Cyan (63%)
- Magenta (81%)
- Yellow (0%)
- Black (33%)



- Cyan (75%)
- Magenta (87%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.0010, 55.7085, 5.2611 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 58.0010, 55.7085, 5.2611 by changing the saturation by 10% instead.

■ 58.0010, 55.7085,
5.2611

■ 58.0010, 55.7085,
5.2611

■ 255.0000, 0.0000,
0.0000

■ 26.8260, 57.7668,
-1.6014

■ 112.0880, 57.1446,
11.3238

■ 13.3380, 51.1054,
-11.6974

■ 138.5120, 57.4286,
13.5830

■ 10.4880, 40.1854,
-9.1980

■ 162.7440, 45.4822,
18.6415

■ 11.7470, 27.2397,
-10.3021

■ 187.5630, 33.2464,
23.1852

■ 6.7770, 18.3509,
-5.9434

■ 212.9690, 20.7213,
27.2142

■ 3.0950, 9.3202,
-2.7143

■ 232.6940, 10.9969,

■ 0.0000, 0.0000,

19.5624

0.0000

249.7170, 2.6045,
4.6332

58.0010, 55.7085,
5.2611

58.0010, 55.7085,
5.2611

44.1350, 62.5444,
6.0206

71.8670, 48.8726,
4.5016

30.8560, 69.0910,
6.2653

86.0320, 41.8892,
4.3569

99.8980, 35.0533,
3.5975

113.7640, 28.2173,
2.8380

128.2170, 21.0920,
1.5637

■ 142.3820, 14.1087,
1.4190

■ 156.2480, 7.2727,
0.6595

■ 170.1140, 0.4368,
-0.1000

■ 183.9800, -6.3991,
-0.8595

Harmonies

Analogous

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



64.2490, 65.9392, -56.3464



58.0010, 55.7085, 5.2611



56.9920, 29.5839, 78.0600

Triad

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



58.0010, 55.7085, 5.2611



57.0010, -28.1015, 53.4961



58.7870, 9.4720, -51.5562

Complementary

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



58.0010, 55.7085, 5.2611



145.9990, -55.7085, -5.2611

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.



48.7210, -24.0195, -42.7283



58.0010, 55.7085, 5.2611



59.0630, -29.1181, 6.0837

Square

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



58.0010, 55.7085, 5.2611



46.0460, -22.7007, 94.6757



46.3730, -22.8619, -40.6691



67.2570, 36.8483, -58.9844

Rectangle

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



58.0010, 55.7085, 5.2611



57.4720, 8.1483, 93.4251



46.3730, -22.8619, -40.6691



56.1650, -0.5743, -49.2567

Sweetspot

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



58.0010, 55.7085, 5.2611



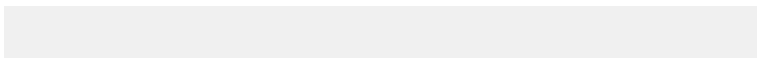
178.6300, 21.3814, 2.0785



112.1280, 29.0239, -69.3953



85.7410, 12.9457, 1.1041



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



58.0010, 55.7085, 5.2611



45.8620, 86.8360, 8.0140



78.3330, 45.6848, 47.0660



79.6240, 3.6364, 0.3298



27.2660, 60.5079, 5.9057



4.1170, 9.3093, 0.7744

Inverse Universe

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



86.4600, 26.3952, 74.1416



90.3230, 41.2528, 115.4807



125.6670, -45.6848, -47.0660



81.4890, 1.7309, 4.8331



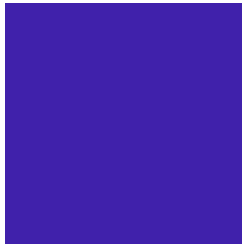
58.1880, 28.9943, 80.5191



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 58.0010, 55.7085, 5.2611 looks on a white background.

Color Contrast Check

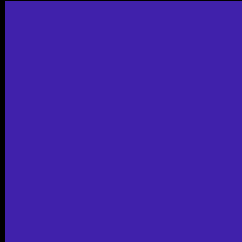
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.0010, 55.7085, 5.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

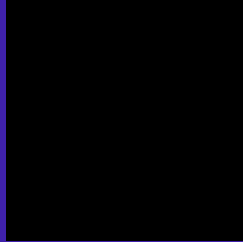
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.0010, 55.7085, 5.2611

Background



This preview shows how black text looks on a background with the YUV color 58.0010, 55.7085, 5.2611.



This preview shows how white text looks on a background with the YUV color 58.0010, 55.7085,

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

58.0010, 55.7085, 5.2611

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

51.5100, 29.8216, -45.1743



Tritanopia

50.4550, 13.0867, -44.2490

Trichromacy



Original Color

58.0010, 55.7085, 5.2611

Protanomaly

53.4580, 45.6232, -26.7117

Deuteranomaly

53.7370, 39.0767, -26.9563

Tritanomaly

52.9900, 28.5989, -26.3012

Monochromacy



Original Color

58.0010, 55.7085, 5.2611

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.9890, 20.2184, 1.7636

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.0010, 55.7085, 5.2611 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(64, 33, 171)` looks like.

```
.text, #text, p{  
    color:rgb(64, 33, 171)  
}
```

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(64, 33, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 33, 171) }
```

Border

The CSS property to change the border of an element to YUV 58.0010, 55.7085, 5.2611 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(64, 33, 171) }
```


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

```
.border{ border-color:rgb(64, 33, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 33, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 33, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 33, 171);  
box-shadow:4px 4px 4px 4px rgb(64, 33,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 58.0010, 55.7085, 5.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 33, 171) }
```

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

```
.background{ background-color: rgb(64, 33,  
171) }
```

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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