

Converting Colors

YUV(52.2010, 1.8729, 5.9627)

Have a look what the booklet for
YUV(52.2010, 1.8729, 5.9627)
contains.

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Color

**YUV(52.2010, 1.8729,
5.9627)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3038
RGB	59, 48, 56
RGB Percent	23%, 19%, 22%
CMY	0.7686, 0.8118, 0.7804
CMYK	0.00, 0.19, 0.05, 0.77
HSL	316°, 10%, 21%
HSV	316°, 19%, 23%
XYZ	3.5744, 3.3292, 4.1956
YIQ	52.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

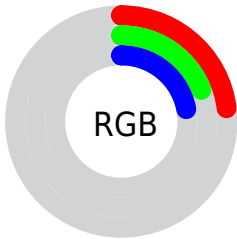
Format	Color
R_{YB}	59, 48, 56
Decimal	3878968
CIE Lab	21.32, 6.67, -3.21
CIE LCh	21, 7.401, 334.273
Yxy	3.3292, 0.3220, 0.3000
Android (android.graphics.Color)	4282069048 (0xFF3B3038)
YUV	52.2010, 1.8729, 5.9627
Hunter-Lab	18.2462, 3.0370, -0.8610

Details

The YUV color **52.2010, 1.8729, 5.9627** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **54.7990, -1.8729, -5.9627**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.6140, 2.1623, 6.4775**, and **6.5650, 3.1725, 9.1515** is the 20% darker color. If you saturate the color by 10%, you get **48.4510, 2.7357, 9.2515**, and if you desaturate by 10%, it is **55.9510, 1.0102, 2.6740**.

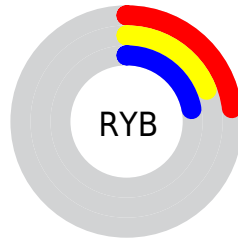
Distribution



Red (23%)

Green (19%)

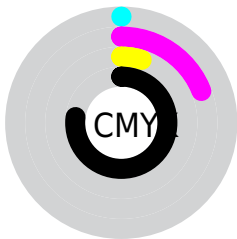
Blue (22%)



Red (23%)

Yellow (19%)

Blue (22%)

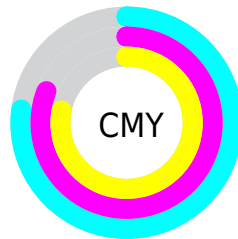


Cyan (0%)

Magenta (19%)

Yellow (5%)

Black (77%)



Cyan (77%)

Magenta (81%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.2010, 1.8729, 5.9627 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 52.2010, 1.8729, 5.9627 by changing the saturation by 10% instead.

■ 52.2010, 1.8729,
5.9627

■ 52.2010, 1.8729,
5.9627

255.0000, 0.0000,
0.0000

■ 30.9020, 2.0203,
5.3479

■ 98.6140, 2.1623,
6.4775

■ 6.5650, 3.1725,
9.1515

■ 123.6140, 2.1623,
6.4775

■ 0.0000, 0.0000,
0.0000

■ 149.3260, 2.3043,
7.6071

■ 176.3260, 2.3043,
7.6071

■ 203.3260, 2.3043,
7.6071

■ 231.6250, 2.1569,

■ 52.2010, 1.8729,
5.9627

■ 52.2010, 1.8729,
5.9627

■ 48.4510, 2.7357,
9.2515

■ 55.9510, 1.0102,
2.6740

■ 44.8150, 4.0352,
12.4402

■ 59.5870, -0.2894,
-0.5148

■ 41.0650, 4.8980,
15.7290

■ 63.3370, -1.1521,
-3.8035

■ 37.4290, 6.1975,
18.9178

■ 66.9730, -2.4517,
-6.9923

■ 33.6790, 7.0603,
22.2065

■ 70.7230, -3.3144,
-10.2811

■ 30.5160, 7.6336,
24.9805

■ 73.8860, -3.8878,
-13.0550

■ 26.8800, 8.9332,
28.1692

■ 77.5220, -5.1873,
-16.2438

■ 23.1300, 9.7959,
31.4580

■ 81.2720, -6.0501,
-19.5325

■ 22.5430, 10.0853,
31.9728

■ 84.9080, -7.3496,
-22.7213

Harmonies

Analogous

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



52.0370, 3.9258, 0.8446



52.2010, 1.8729, 5.9627



51.9410, -0.4639, 8.8217

Triad

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



52.2010, 1.8729, 5.9627



50.9420, -5.3944, 3.5589



49.2590, 3.8163, -10.7511

Complementary

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



52.2010, 1.8729, 5.9627



54.7990, -1.8729, -5.9627

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.



48.9880, 1.4849, -9.6365



52.2010, 1.8729, 5.9627



50.5500, -4.2151, -1.3593

Square

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



52.2010, 1.8729, 5.9627



51.4910, -4.6791, 7.4624



49.5000, -1.7255, -6.5775



50.0250, 5.4107, -8.7919

Rectangle

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



52.2010, 1.8729, 5.9627



52.3710, -2.6479, 9.3216



49.5000, -1.7255, -6.5775



49.0310, 2.9427, -10.5512

Sweetspot

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



52.2010, 1.8729, 5.9627



73.8370, 0.5734, 2.7740



50.1510, 4.3626, 0.7446



36.8260, 0.5788, 1.0296



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



52.2010, 1.8729, 5.9627



66.4510, 2.7357, 9.2515



51.6310, -0.3111, 6.4626



29.1250, 0.4314, 1.6444



35.9720, 16.2828, 50.8906



84.7320, 37.6001, 120.3840

Inverse Universe

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



52.2010, 1.8729, 5.9627



66.4510, 2.7357, 9.2515



55.3690, 0.3111, -6.4626



29.1250, 0.4314, 1.6444



35.9720, 16.2828, 50.8906



84.7320, 37.6001, 120.3840

Previews

White Background



This preview shows how the YUV color 52.2010, 1.8729, 5.9627 looks on a white background.

Color Contrast Check

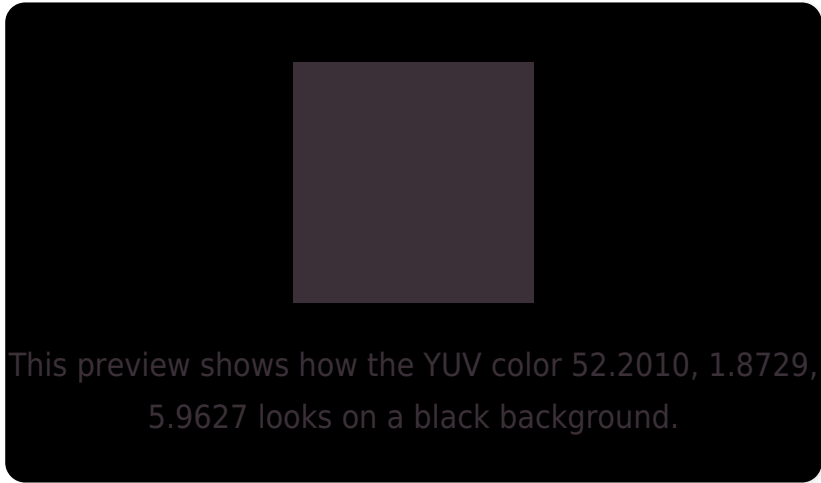
Large Text (above 18pt) WCAG AA ✓ Pass

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

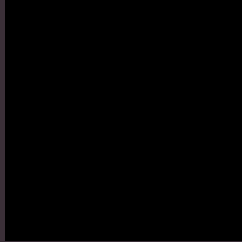
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.2010, 1.8729, 5.9627

Background



This preview shows how black text looks on a background with the YUV color 52.2010, 1.8729, 5.9627.

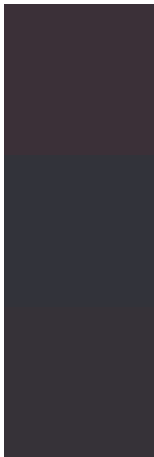


This preview shows how white text looks on a background with the YUV color 52.2010, 1.8729,

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

52.2010, 1.8729, 5.9627

Protanopia

51.4990, 3.2050, -1.3146

Deuteranopia

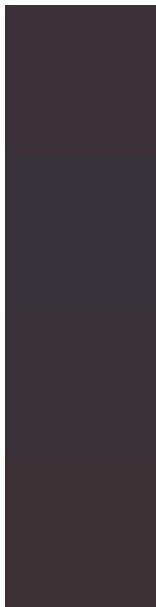
51.8800, 2.0312, 1.8592



Tritanopia

52.3320, -0.1637, 5.8478

Trichromacy



Original Color

52.2010, 1.8729, 5.9627

Protanomaly

51.6950, 2.6154, 1.1445

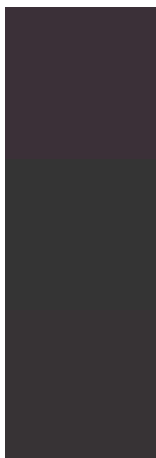
Deuteranomaly

51.8910, 2.0257, 3.6036

Tritanomaly

52.4460, 0.2731, 5.7479

Monochromacy



Original Color

52.2010, 1.8729, 5.9627

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.4240, 0.2840, 2.2592

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.2010, 1.8729, 5.9627 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(59, 48, 56)` looks like.

```
.text, #text, p{  
    color:rgb(59, 48, 56)  
}
```

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(59, 48, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 48, 56) }
```

Border

The CSS property to change the border of an element to YUV 52.2010, 1.8729, 5.9627 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(59, 48, 56) }
```


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

```
.border{ border-color:rgb(59, 48, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 48, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 48, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 48, 56);  
box-shadow:4px 4px 4px 4px rgb(59, 48, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.2010, 1.8729, 5.9627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 48, 56) }
```

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

```
.background{ background-color: rgb(59, 48,  
56) }
```

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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