

Converting Colors

YUV(52.2780, -1.6161, 5.0182)

Have a look what the booklet for
YUV(52.2780, -1.6161, 5.0182)
contains.

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Color

**YUV(52.2780, -1.6161,
5.0182)**

Conversions

Conversions Part 1

Format	Color
Hex	3A3231
RGB	58, 50, 49
RGB Percent	23%, 20%, 19%
CMY	0.7725, 0.8039, 0.8078
CMYK	0.00, 0.14, 0.16, 0.77
HSL	7°, 8%, 21%
HSV	7°, 16%, 23%
XYZ	3.4399, 3.4025, 3.3812
YIQ	52.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

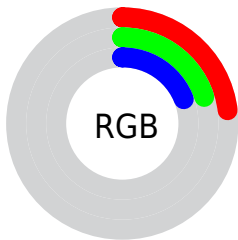
Format	Color
R_{YB}	58, 50, 49
Decimal	3813937
CIE _{Lab}	21.59, 3.37, 1.94
CIE _{LCh}	22, 3.889, 29.996
Yxy	3.4025, 0.3365, 0.3328
Android (android.graphics.Color)	4282004017 (0xFF3A3231)
YUV	52.2780, -1.6161, 5.0182
Hunter-Lab	18.4459, 1.0076, 2.0441

Details

The YUV color **52.2780, -1.6161, 5.0182** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **54.7220, 1.6161, -5.0182**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.5770, -1.7635, 5.6330**, and **6.6590, -2.7899, 8.1921** is the 20% darker color. If you saturate the color by 10%, you get **48.6590, -2.7899, 8.1921**, and if you desaturate by 10%, it is **55.8970, -0.4422, 1.8443**.

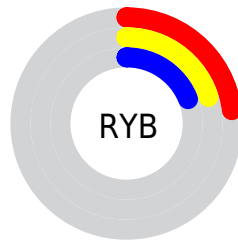
Distribution



Red (23%)

Green (20%)

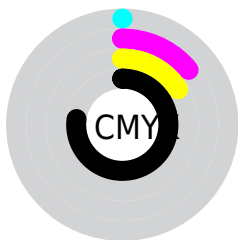
Blue (19%)



Red (23%)

Yellow (20%)

Blue (19%)

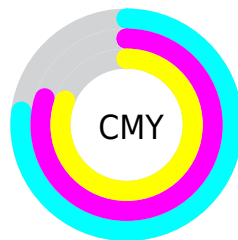


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (77%)



Cyan (77%)

Magenta (80%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.2780, -1.6161, 5.0182 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 52.2780, -1.6161, 5.0182 by changing the saturation by 10% instead.

■ 52.2780, -1.6161,
5.0182

■ 52.2780, -1.6161,
5.0182

■ 255.0000, 0.0000,
0.0000

■ 30.9790, -1.4686,
4.4034

■ 98.5770, -1.7635,
5.6330

■ 6.6590, -2.7899,
8.1921

■ 123.5770, -1.7635,
5.6330

■ 0.0000, 0.0000,
0.0000

■ 149.4630, -2.2003,
5.7329

■ 175.8760, -1.9109,
6.2477

■ 203.7620, -2.3477,
6.3477

■ 231.7620, -2.3477,

■ 52.2780, -1.6161,
5.0182

■ 52.2780, -1.6161,
5.0182

■ 48.6590, -2.7899,
8.1921

■ 55.8970, -0.4422,
1.8443

■ 45.0400, -3.9637,
11.3659

■ 59.5160, 0.7316,
-1.3295

■ 41.5350, -4.7008,
14.4398

■ 63.0210, 1.4686,
-4.4034

■ 37.3290, -5.5852,
18.1285

■ 67.2270, 2.3531,
-8.0921

■ 33.7100, -6.7590,
21.3023

■ 70.8460, 3.5269,
-11.2659

■ 30.0910, -7.9329,
24.4762

■ 74.4650, 4.7008,
-14.4398

■ 26.4720, -9.1067,
27.6501

■ 78.0840, 5.8746,
-17.6137

■ 22.9670, -9.8437,
30.7239

■ 81.5890, 6.6116,
-20.6876

■ 20.8640, -10.2860,
32.5683

■ 85.2080, 7.7855,
-23.8614

Harmonies

Analogous

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



52.6200, -0.3057, 4.7183



52.2780, -1.6161, 5.0182



52.3380, -2.6316, 4.0886

Triad

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



52.2780, -1.6161, 5.0182



51.0490, -1.0102, -2.6740



51.6730, 2.6262, -2.3442

Complementary

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



52.2780, -1.6161, 5.0182



54.7220, 1.6161, -5.0182

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.



51.3630, 2.7790, -4.7034



52.2780, -1.6161, 5.0182



50.4940, 0.7425, -4.8182

Square

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



52.2780, -1.6161, 5.0182



51.1310, -2.0366, -0.1149



50.7220, 1.6161, -5.0182



51.9830, 2.4734, 0.0149

Rectangle

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



52.2780, -1.6161, 5.0182



51.6260, -2.7736, 2.9590



50.7220, 1.6161, -5.0182



51.3740, 2.7736, -2.9590

Sweetspot

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



52.2780, -1.6161, 5.0182



74.1960, -0.5896, 2.4591



52.6030, 2.1677, 4.7332



36.5980, -0.2948, 1.2296



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.



52.2780, -1.6161, 5.0182



67.6590, -2.7899, 8.1921



54.6260, -2.7736, 2.9590



26.4840, -0.7316, 1.3295



33.3780, -16.4554, 51.4115



79.5690, -39.2275, 122.2810

Inverse Universe

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



54.7220, 1.6161, -5.0182



71.3410, 2.7899, -8.1921



52.3740, 2.7736, -2.9590



27.1030, 0.4422, -1.8443



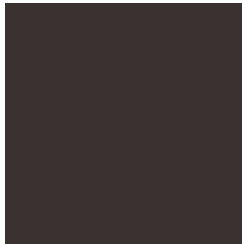
58.6220, 16.4554, -51.4115



139.4310, 39.2275, -122.2810

Previews

White Background



This preview shows how the YUV color 52.2780, -1.6161, 5.0182 looks on a white background.

Color Contrast Check

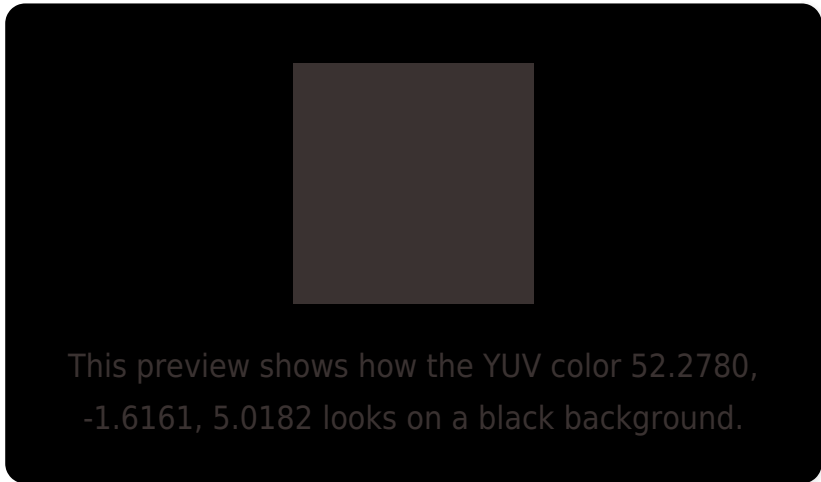
Large Text (above 18pt) WCAG AA ✓ Pass

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

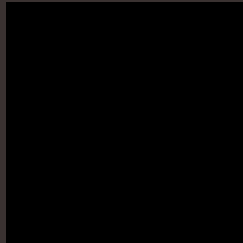
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.2780, -1.6161, 5.0182

Background



This preview shows how black text looks on a background with the YUV color 52.2780, -1.6161, 5.0182.

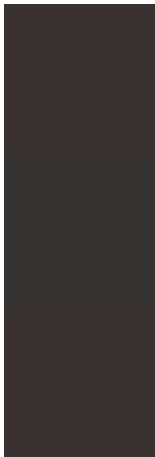


This preview shows how white text looks on a background with the YUV color 52.2780, -1.6161,

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

52.2780, -1.6161, 5.0182

Protanopia

52.0710, -1.0210, 0.8147

Deuteranopia

52.2780, -1.6161, 5.0182



Tritanopia

52.4460, 0.2731, 5.7479

Trichromacy



Original Color

52.2780, -1.6161, 5.0182

Protanomaly

52.0820, -1.0264, 2.5591

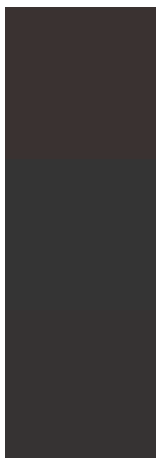
Deuteranomaly

52.2780, -1.6161, 5.0182

Tritanomaly

52.3320, -0.1637, 5.8478

Monochromacy



Original Color

52.2780, -1.6161, 5.0182

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.8970, -0.4422, 1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.2780, -1.6161, 5.0182 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(58, 50, 49)` looks like.

```
.text, #text, p{  
    color:rgb(58, 50, 49)  
}
```

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(58, 50, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 50, 49) }
```

Border

The CSS property to change the border of an element to YUV 52.2780, -1.6161, 5.0182 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(58, 50, 49) }
```


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

```
.border{ border-color:rgb(58, 50, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 50, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 50, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 50, 49);  
box-shadow:4px 4px 4px 4px rgb(58, 50, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.2780, -1.6161, 5.0182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 50, 49) }
```

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

```
.background{ background-color: rgb(58, 50,  
49) }
```

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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