

Converting Colors

YUV(52.2910, 8.7305, -0.2552)

Have a look what the booklet for
YUV(52.2910, 8.7305, -0.2552)
contains.

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Color

**YUV(52.2910, 8.7305,
-0.2552)**

Conversions

Conversions Part 1

Format	Color
Hex	343146
RGB	52, 49, 70
RGB Percent	20%, 19%, 27%
CMY	0.7961, 0.8078, 0.7255
CMYK	0.26, 0.30, 0.00, 0.73
HSL	249°, 18%, 23%
HSV	249°, 30%, 27%
XYZ	3.6200, 3.3689, 6.2538
YIQ	52.2910, -4.9530, 7.1670

Conversions

Conversions Part 2

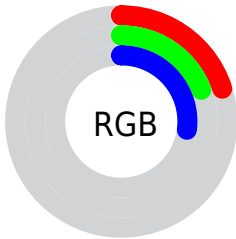
Format	Color
R_{YB}	52, 49, 70
Decimal	3420486
CIE _{Lab}	21.46, 6.74, -12.57
CIE _{LCh}	21, 14.265, 298.199
Yxy	3.3689, 0.2734, 0.2544
Android (android.graphics.Color)	4281610566 (0xFF343146)
YUV	52.2910, 8.7305, -0.2552
Hunter-Lab	18.3545, 3.0843, -7.3533

Details

The YUV color **52.2910, 8.7305, -0.2552** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **66.7090, -8.7305, 0.2552**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.8180, 9.4567, 0.1596**, and **6.0570, 10.3249, 1.7040** is the 20% darker color. If you saturate the color by 10%, you get **46.3880, 11.6407, -0.3403**, and if you desaturate by 10%, it is **58.1940, 5.8204, -0.1701**.

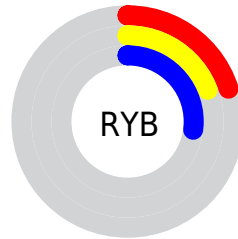
Distribution



Red (20%)

Green (19%)

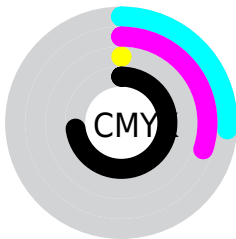
Blue (27%)



Red (20%)

Yellow (19%)

Blue (27%)

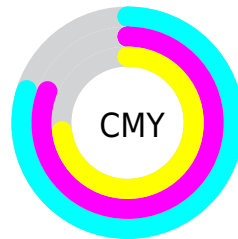


Cyan (26%)

Magenta (30%)

Yellow (0%)

Black (73%)



Cyan (80%)

Magenta (81%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.2910, 8.7305, -0.2552 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 52.2910, 8.7305, -0.2552 by changing the saturation by 10% instead.

■ 52.2910, 8.7305,
-0.2552

■ 52.2910, 8.7305,
-0.2552

■ 255.0000, 0.0000,
0.0000

■ 30.8780, 8.4411,
-0.7700

■ 98.8180, 9.4567,
0.1596

■ 6.0570, 10.3249,
1.7040

■ 123.9320, 9.8935,
0.0596

■ 0.0000, 0.0000,
0.0000

■ 149.4590, 10.6197,
0.4745

■ 176.4590, 10.6197,
0.4745

■ 203.5730, 11.0565,
0.3745

■ 231.6870, 11.4933,

0.2745

■ 52.2910, 8.7305,
-0.2552

■ 52.2910, 8.7305,
-0.2552

■ 46.3880, 11.6407,
-0.3403

■ 58.1940, 5.8204,
-0.1701

■ 40.4850, 14.5509,
-0.4253

■ 64.0970, 2.9102,
-0.0851

■ 34.5820, 17.4611,
-0.5104

■ 70.0000, 0.0000,
0.0000

■ 28.6790, 20.3713,
-0.5955

■ 75.9030, -2.9102,
0.0851

■ 22.7760, 23.2814,
-0.6806

■ 81.8060, -5.8204,
0.1701

■ 16.8730, 26.1916,
-0.7656

■ 87.7090, -8.7305,
0.2552

■ 10.9700, 29.1018,
-0.8507

■ 93.6120, -11.6407,
0.3403

■ 99.5150, -14.5509,
0.4253

■ 105.4180,
-17.4611, 0.5104

Harmonies

Analogous

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



50.0830, 10.8051, -12.3508



52.2910, 8.7305, -0.2552



52.7330, 5.0616, 9.8812

Triad

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



52.2910, 8.7305, -0.2552



51.7970, -8.7739, 14.2100



46.3350, 1.8068, -19.5878

Complementary

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



52.2910, 8.7305, -0.2552



66.7090, -8.7305, 0.2552

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.



48.1960, -4.0406, -10.6959



52.2910, 8.7305, -0.2552



50.9980, -10.3520, 7.0178

Square

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



52.2910, 8.7305, -0.2552



52.1440, -5.0010, 17.4137



49.8120, -8.2883, -1.5891



44.8980, 7.9383, -26.2205

Rectangle

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



52.2910, 8.7305, -0.2552



53.1420, 1.4090, 14.7845



49.8120, -8.2883, -1.5891



47.1890, -0.0932, -16.8288

Sweetspot

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



52.2910, 8.7305, -0.2552



85.2110, 3.3470, -0.1850



61.9600, 3.9637, -11.3659



41.8690, 2.0366, 0.1149



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



52.2910, 8.7305, -0.2552



63.9580, 13.8247, -0.8402



55.2810, 7.2565, 5.8926



32.7550, 1.5998, 0.2149



15.4720, 41.1793, -1.2909



35.4460, 94.4361, -3.0221

Inverse Universe

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



57.3310, 4.7668, 11.1107



72.0590, 7.3659, 17.4883



63.7190, -7.2565, -5.8926



33.5380, 0.7208, 2.1592



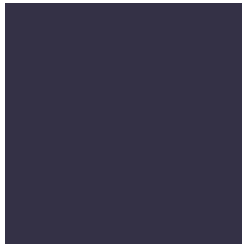
39.2910, 22.5345, 52.3648



90.1030, 51.7142, 120.0587

Previews

White Background



This preview shows how the YUV color 52.2910, 8.7305, -0.2552 looks on a white background.

Color Contrast Check

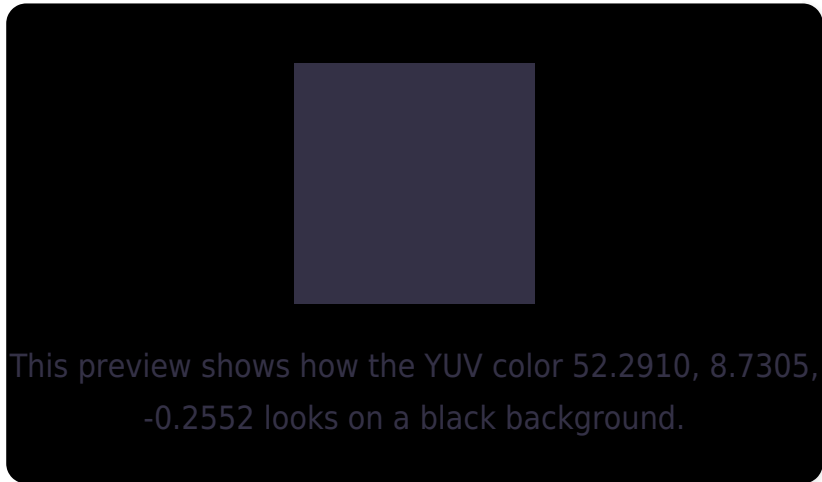
Large Text (above 18pt) WCAG AA ✓ Pass

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

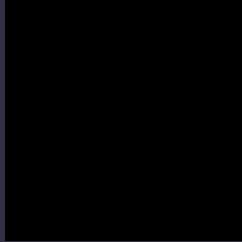
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.2910, 8.7305, -0.2552

Background



This preview shows how black text looks on a background with the YUV color 52.2910, 8.7305, -0.2552.



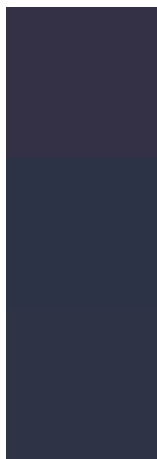
This preview shows how white text looks on a background with the YUV color 52.2910, 8.7305,

-0.2552.

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

52.2910, 8.7305, -0.2552

Protanopia

51.4860, 9.6204, -5.6882

Deuteranopia

51.6710, 9.0362, -4.9735



Tritanopia

51.5590, 2.1894, -2.2442

Trichromacy



Original Color

52.2910, 8.7305, -0.2552

Protanomaly

51.7960, 9.4676, -3.3291

Deuteranomaly

51.6820, 9.0308, -3.2291

Tritanomaly

51.8410, 4.5154, -1.6146

Monochromacy



Original Color

52.2910, 8.7305, -0.2552

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.2110, 3.3470, -0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.2910, 8.7305, -0.2552 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(52, 49, 70)` looks like.

```
.text, #text, p{  
    color:rgb(52, 49, 70)  
}
```

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(52, 49, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 49, 70) }
```

Border

The CSS property to change the border of an element to YUV 52.2910, 8.7305, -0.2552 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(52, 49, 70) }
```


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

```
.border{ border-color:rgb(52, 49, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 49, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 49, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 49, 70);  
box-shadow:4px 4px 4px 4px rgb(52, 49, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.2910, 8.7305, -0.2552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 49, 70) }
```

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

```
.background{ background-color: rgb(52, 49,  
70) }
```

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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