

Converting Colors

YUV(50.5570, 8.5994, -4.8735)

Have a look what the booklet for
YUV(50.5570, 8.5994, -4.8735)
contains.

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Color

**YUV(50.5570, 8.5994,
-4.8735)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3244
RGB	45, 50, 68
RGB Percent	18%, 20%, 27%
CMY	0.8235, 0.8039, 0.7333
CMYK	0.34, 0.26, 0.00, 0.73
HSL	227°, 20%, 22%
HSV	227°, 34%, 27%
XYZ	3.2662, 3.2564, 5.9253
YIQ	50.5570, -8.7580, 4.5380

Conversions

Conversions Part 2

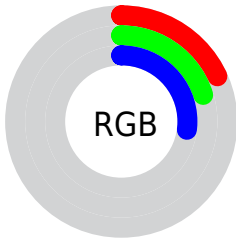
Format	Color
R_{YB}	45, 49, 68
Decimal	2961988
CIE Lab	21.04, 2.89, -11.92
CIE LCh	21, 12.268, 283.617
Yxy	3.2564, 0.2624, 0.2616
Android (android.graphics.Color)	4281152068 (0xFF2D3244)
YUV	50.5570, 8.5994, -4.8735
Hunter-Lab	18.0456, 0.7278, -6.8358

Details

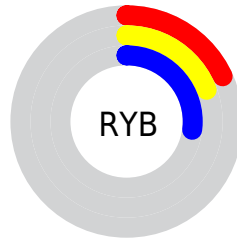
The YUV color **50.5570, 8.5994, -4.8735** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **62.4430, -8.5994, 4.8735**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.7850, 9.4730, -5.0734**, and **4.6110, 10.0518, -4.0438** is the 20% darker color. If you saturate the color by 10%, you get **45.5290, 11.0782, -6.6029**, and if you desaturate by 10%, it is **55.5850, 6.1206, -3.1440**.

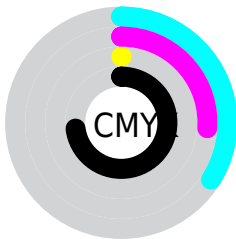
Distribution



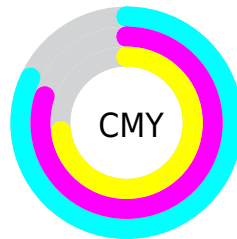
- Red (18%)
- Green (20%)
- Blue (27%)



- Red (18%)
- Yellow (19%)
- Blue (27%)



- Cyan (34%)
- Magenta (26%)
- Yellow (0%)
- Black (73%)



- Cyan (82%)
- Magenta (80%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.5570, 8.5994, -4.8735 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 50.5570, 8.5994, -4.8735 by changing the saturation by 10% instead.

■ 50.5570, 8.5994,
-4.8735

■ 50.5570, 8.5994,
-4.8735

■ 255.0000, 0.0000,
0.0000

■ 29.4430, 8.1626,
-4.7735

■ 96.7850, 9.4730,
-5.0734

■ 4.6110, 10.0518,
-4.0438

■ 121.8990, 9.9098,
-5.1734

■ 0.0000, 0.0000,
0.0000

■ 147.8990, 9.9098,
-5.1734

■ 174.0130, 10.3466,
-5.2734

■ 201.4260, 10.6360,
-4.7586

■ 229.5400, 11.0728,

-4.8586

254.1030, 0.4422,
-1.8443

■ 50.5570, 8.5994,
-4.8735

■ 50.5570, 8.5994,
-4.8735

■ 45.5290, 11.0782,
-6.6029

■ 55.5850, 6.1206,
-3.1440

■ 39.9140, 13.8464,
-7.8176

■ 61.2000, 3.3524,
-1.9294

■ 35.1850, 16.1778,
-8.9322

■ 65.9290, 1.0210,
-0.8147

■ 30.1570, 18.6566,
-10.6617

■ 70.9570, -1.4578,
0.9147

■ 24.5420, 21.4248,
-11.8763

■ 76.5720, -4.2260,
2.1294

■ 19.5140, 23.9036,
-13.6058

■ 81.6000, -6.7048,
3.8588

■ 16.5570, 25.3614,
-14.5205

■ 86.6280, -9.1836,
5.5882

■ 91.9440, -11.8044,
6.1881

■ 96.9720, -14.2832,
7.9176

Harmonies

Analogous

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



48.4310, 9.6475, -14.4100



50.5570, 8.5994, -4.8735



51.9280, 5.9515, 4.4481

Triad

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



50.5570, 8.5994, -4.8735



50.8940, -5.8637, 14.1250



46.9830, -0.9776, -13.1401

Complementary

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



50.5570, 8.5994, -4.8735



62.4430, -8.5994, 4.8735

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.



48.7730, -5.8041, -5.0629



50.5570, 8.5994, -4.8735



50.1770, -8.4683, 9.4918

Square

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



50.5570, 8.5994, -4.8735



51.8170, -2.3748, 15.0695



49.5460, -8.1572, 3.0292



46.2040, 3.8434, -19.4729

Rectangle

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



50.5570, 8.5994, -4.8735



51.9780, 3.4618, 9.6663



49.5460, -8.1572, 3.0292



47.8370, -2.8776, -10.3810

Sweetspot

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



50.5570, 8.5994, -4.8735



82.2000, 3.3524, -1.9294



60.5530, 1.2064, -13.6400



41.8580, 2.0420, -1.6295



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.



50.5570, 8.5994, -4.8735



61.8000, 13.4096, -7.7176



49.4160, 9.1619, 1.3892



30.9290, 1.0210, -0.8147



23.3850, 36.2922, -20.5086



54.2990, 83.6626, -47.6202

Inverse Universe

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



52.4470, -1.2064, 13.6400



64.6760, -1.8123, 21.3321



63.5840, -9.1619, -1.3892



31.0110, -0.0054, 1.7444



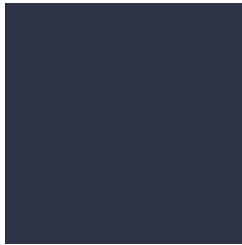
31.3970, -5.1257, 57.5338



72.5620, -11.6161, 132.8111

Previews

White Background



This preview shows how the YUV color 50.5570, 8.5994, -4.8735 looks on a white background.

Color Contrast Check

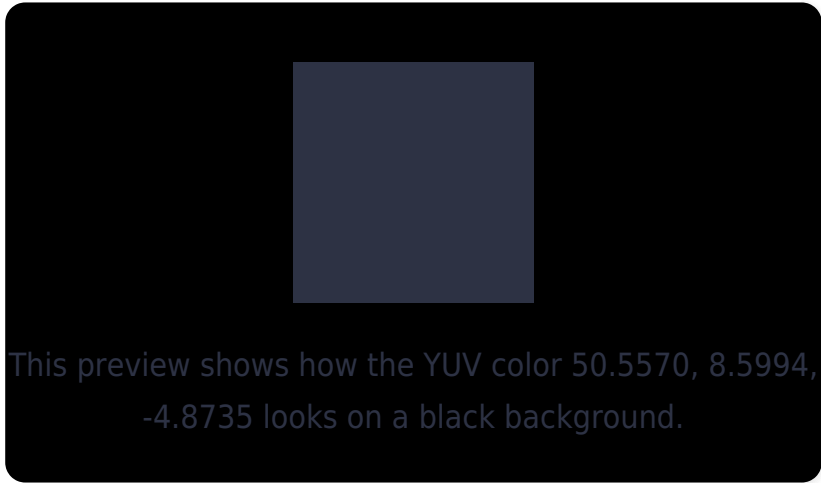
Large Text (above 18pt) WCAG AA ✓ Pass

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

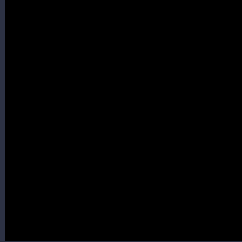
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

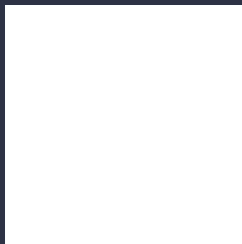
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 50.5570, 8.5994, -4.8735

Background



This preview shows how black text looks on a background with the YUV color 50.5570, 8.5994, -4.8735.



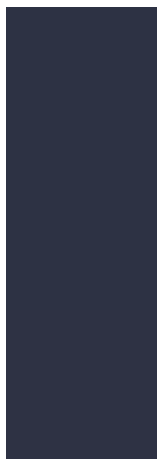
This preview shows how white text looks on a background with the YUV color 50.5570, 8.5994, -4.8735.

-4.8735.

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

50.5570, 8.5994, -4.8735

Protanopia

50.5570, 8.5994, -4.8735

Deuteranopia

50.8560, 8.4520, -4.2587



Tritanopia

49.4660, 3.2213, -6.5477

Trichromacy



Original Color

50.5570, 8.5994, -4.8735

Protanomaly

50.5570, 8.5994, -4.8735

Deuteranomaly

50.8560, 8.4520, -4.2587

Tritanomaly

49.6340, 5.1104, -5.8180

Monochromacy



Original Color

50.5570, 8.5994, -4.8735

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0860, 2.9156, -1.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.5570, 8.5994, -4.8735 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(45, 50, 68)` looks like.

```
.text, #text, p{  
    color:rgb(45, 50, 68)  
}
```

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(45, 50, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 50, 68) }
```

Border

The CSS property to change the border of an element to YUV 50.5570, 8.5994, -4.8735 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(45, 50, 68) }
```


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

```
.border{ border-color:rgb(45, 50, 68) }
```

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

Here you see how a box with a 4 pixel rgb(45, 50, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 50, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 50, 68);  
box-shadow:4px 4px 4px 4px rgb(45, 50, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.5570, 8.5994, -4.8735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 50, 68) }
```

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

```
.background{ background-color: rgb(45, 50,  
68) }
```

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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