

Converting Colors

YUV(50.1850, -0.5842, 0.7148)

Have a look what the booklet for
YUV(50.1850, -0.5842, 0.7148)
contains.

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Color

**YUV(50.1850, -0.5842,
0.7148)**

Conversions

Conversions Part 1

Format	Color
Hex	333231
RGB	51, 50, 49
RGB Percent	20%, 20%, 19%
CMY	0.8000, 0.8039, 0.8078
CMYK	0.00, 0.02, 0.04, 0.80
HSL	30°, 2%, 20%
HSV	30°, 4%, 20%
XYZ	3.0602, 3.2068, 3.3634
YIQ	50.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

Format	Color
R_{YB}	51, 51, 49
Decimal	3355185
CIE Lab	20.85, 0.21, 0.79
CIE LCh	21, 0.816, 74.851
Yxy	3.2068, 0.3178, 0.3330
Android (android.graphics.Color)	4281545265 (0xFF333231)
YUV	50.1850, -0.5842, 0.7148
Hunter-Lab	17.9074, -0.8340, 1.3993

Details

The YUV color **50.1850, -0.5842, 0.7148** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.8150, 0.5842, -0.7148**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.1850, -0.5842, 0.7148**, and **3.3700, -1.1684, 1.4295** is the 20% darker color. If you saturate the color by 10%, you get **47.8540, -1.9000, 2.7590**, and if you desaturate by 10%, it is **52.5160, 0.7316, -1.3295**.

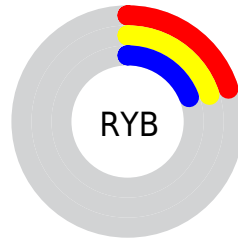
Distribution



Red (20%)

Green (20%)

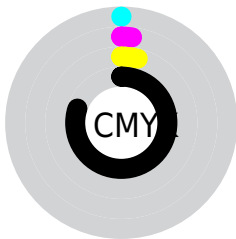
Blue (19%)



Red (20%)

Yellow (20%)

Blue (19%)



Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.1850, -0.5842, 0.7148 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 50.1850, -0.5842, 0.7148 by changing the saturation by 10% instead.

■ 50.1850, -0.5842,
0.7148

■ 50.1850, -0.5842,
0.7148

■ 255.0000, 0.0000,
0.0000

■ 29.1850, -0.5842,
0.7148

■ 96.1850, -0.5842,
0.7148

■ 3.3700, -1.1684,
1.4295

■ 121.1850, -0.5842,
0.7148

■ 0.0000, 0.0000,
0.0000

■ 147.0710, -1.0210,
0.8147

■ 173.1850, -0.5842,
0.7148

■ 201.0710, -1.0210,
0.8147

■ 229.0710, -1.0210,

0.8147

■ 50.1850, -0.5842,
0.7148

■ 50.1850, -0.5842,
0.7148

■ 47.8540, -1.9000,
2.7590

■ 52.5160, 0.7316,
-1.3295

■ 46.1100, -3.5052,
4.2885

■ 54.2600, 2.3368,
-2.8590

■ 43.7790, -4.8210,
6.3328

■ 56.5910, 3.6526,
-4.9033

■ 42.0350, -6.4263,
7.8623

■ 58.3350, 5.2578,
-6.4328

■ 39.7040, -7.7421,
9.9066

■ 60.7800, 7.0105,
-8.5771

■ 37.8460, -9.7841,
11.5361

■ 62.5240, 8.6157,
-10.1065

■ 35.5150, -11.0999,
13.5803

■ 64.8550, 9.9315,
-12.1508

■ 33.7710, -12.7051,
15.1098

■ 66.5990, 11.5367,
-13.6803

■ 31.4400, -14.0209,
17.1541

■ 68.9300, 12.8525,
-15.7246

Harmonies

Analogous

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



50.1850, -0.5842, 0.7148



50.1850, -0.5842, 0.7148



49.8860, -0.4368, 0.1000

Triad

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



50.1850, -0.5842, 0.7148



50.2880, -0.1420, -1.1296



50.4130, 0.2894, 0.5148

Complementary

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



50.1850, -0.5842, 0.7148



49.8150, 0.5842, -0.7148

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.



50.1140, 0.4368, -0.1000



50.1850, -0.5842, 0.7148



49.8150, 0.5842, -0.7148

Square

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



50.1850, -0.5842, 0.7148



49.7010, 0.1474, -0.6148



49.8150, 0.5842, -0.7148



50.2990, -0.1474, 0.6148

Rectangle

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



50.1850, -0.5842, 0.7148



49.8860, -0.4368, 0.1000



49.8150, 0.5842, -0.7148



50.1140, 0.4368, -0.1000

Sweetspot

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



50.1850, -0.5842, 0.7148



66.0000, 0.0000, 0.0000



49.7120, 0.1420, 1.1296



33.0000, 0.0000, 0.0000



161.0000, 0.0000, 0.0000

Same Dimension

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



50.1850, -0.5842, 0.7148



65.0710, -1.0210, 0.8147



50.7720, -0.8736, 0.2000



25.1850, -0.5842, 0.7148



53.0260, -26.1418, 31.5492



128.2790, -63.2415, 77.8083

Inverse Universe

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



49.8150, 0.5842, -0.7148



64.5160, 0.7316, -1.3295



49.2280, 0.8736, -0.2000



24.8150, 0.5842, -0.7148



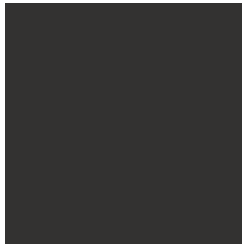
36.5610, 25.8524, -32.0640



88.1340, 63.5309, -77.2935

Previews

White Background



This preview shows how the YUV color 50.1850, -0.5842, 0.7148 looks on a white background.

Color Contrast Check

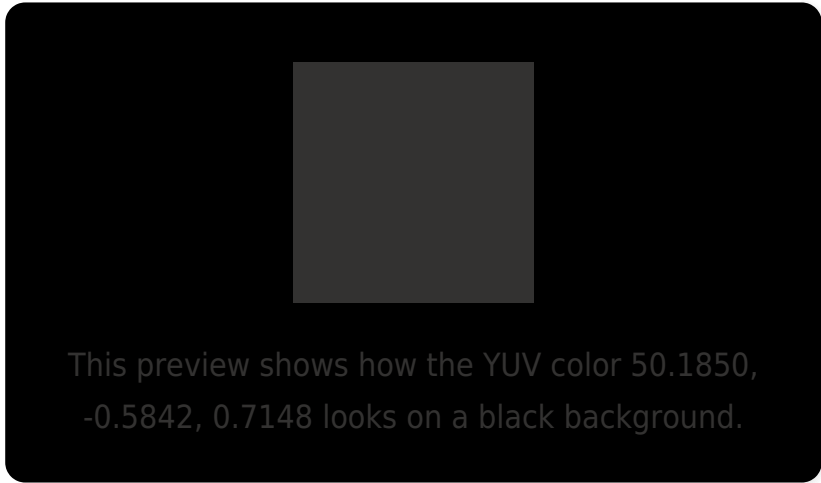
Large Text (above 18pt) WCAG AA ✓ Pass

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

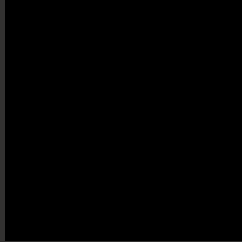
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.1850, -0.5842, 0.7148

Background



This preview shows how black text looks on a background with the YUV color 50.1850, -0.5842, 0.7148.



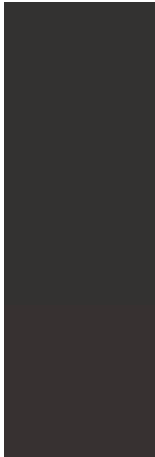
This preview shows how white text looks on a background with the YUV color 50.1850, -0.5842,

0.7148.

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

50.1850, -0.5842, 0.7148

Protanopia

50.1850, -0.5842, 0.7148

Deuteranopia

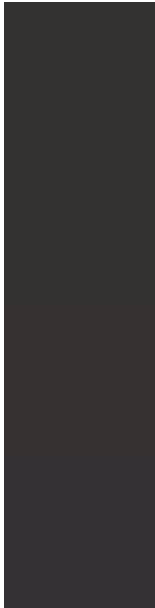
50.7940, -0.8844, 3.6887



Tritanopia

50.3530, 1.3050, 1.4444

Trichromacy



Original Color

50.1850, -0.5842, 0.7148

Protanomaly

50.1850, -0.5842, 0.7148

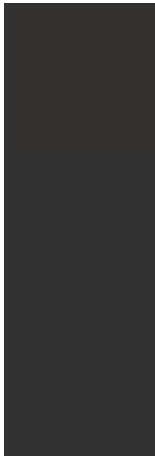
Deuteranomaly

50.4950, -0.7370, 3.0739

Tritanomaly

50.2390, 0.8682, 1.5444

Monochromacy



Original Color

50.1850, -0.5842, 0.7148

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.1850, -0.5842, 0.7148 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(51, 50, 49)` looks like.

```
.text, #text, p{  
    color:rgb(51, 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(51, 50, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 50, 49) }
```

Border

The CSS property to change the border of an element to YUV 50.1850, -0.5842, 0.7148 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(51, 50, 49) }
```

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

```
.border{ border-color:rgb(51, 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(51, 50, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 50, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 50, 49);  
box-shadow:4px 4px 4px 4px rgb(51, 50, 49)  
}
```


Background

The CSS property to change the background color of an element to YUV 50.1850, -0.5842, 0.7148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 50, 49) }
```

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

```
.background{ background-color: rgb(51, 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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