

Converting Colors

YUV(38.3650, -0.1799, 11.0809)

Have a look what the booklet for
YUV(38.3650, -0.1799, 11.0809)
contains.

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Color

**YUV(38.3650, -0.1799,
11.0809)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 332026 |
| RGB | 51, 32, 38 |
| RGB Percent | 20%, 13%, 15% |
| CMY | 0.8000, 0.8745, 0.8510 |
| CMYK | 0.00, 0.37, 0.25, 0.80 |
| HSL | 341°, 23%, 16% |
| HSV | 341°, 37%, 20% |
| XYZ | 2.2316, 1.8768, 2.0784 |
| YIQ | 38.3650, 9.3980, 5.8940 |

Conversions

Conversions Part 2

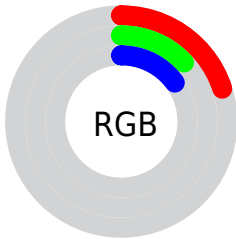
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 51, 32, 38 |
| Decimal | 3350566 |
| CIE Lab | 14.83, 10.30, -0.30 |
| CIE LCh | 15, 10.304, 358.328 |
| Yxy | 1.8768, 0.3607, 0.3034 |
| Android (android.graphics.Color) | 4281540646 (0xFF332026) |
| YUV | 38.3650, -0.1799, 11.0809 |
| Hunter-Lab | 13.6995, 5.1028, 0.5948 |

Details

The YUV color **38.3650, -0.1799, 11.0809** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44.6350, 0.1799, -11.0809**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.3760, -0.1854, 12.8252**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.0880, -0.0434, 13.9548**, and if you desaturate by 10%, it is **41.6420, -0.3165, 8.2070**.

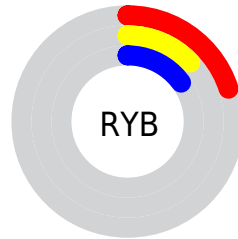
Distribution



Red (20%)

Green (13%)

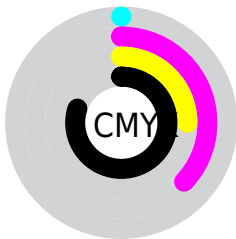
Blue (15%)



Red (20%)

Yellow (13%)

Blue (15%)

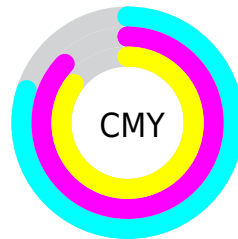


Cyan (0%)

Magenta (37%)

Yellow (25%)

Black (80%)



Cyan (80%)

Magenta (87%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.3650, -0.1799, 11.0809 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 38.3650, -0.1799, 11.0809 by changing the saturation by 10% instead.

■ 38.3650, -0.1799,
11.0809

■ 38.3650, -0.1799,
11.0809

■ 255.0000, 0.0000,
0.0000

■ 17.0770, -0.0380,
12.2105

■ 83.3760, -0.1854,
12.8252

■ 0.0000, 0.0000,
0.0000

■ 107.6750, -0.3328,
13.4400

■ 132.9740, -0.4802,
14.0548

■ 159.2730, -0.6276,
14.6696

■ 186.2730, -0.6276,
14.6696

■ 213.6860, -0.3382,

15.1844

241.0770, -0.0380,
12.2105

38.3650, -0.1799,
11.0809

38.3650, -0.1799,
11.0809

35.0880, -0.0434,
13.9548

41.6420, -0.3165,
8.2070

31.6970, -0.3436,
16.9287

45.0330, -0.0163,
5.2331

28.4200, -0.2071,
19.8027

48.3100, -0.1528,
2.3591

25.0290, -0.5073,
22.7766

51.7010, 0.1474,
-0.6148

21.1650, -0.0813,
26.1653

55.5650, -0.2785,
-4.0035

■ 17.7740, -0.3816,
29.1392

■ 58.9560, 0.0217,
-6.9774

■ 17.0730, -0.5290,
29.7540

■ 62.2330, -0.1149,
-9.8513

■ 65.6240, 0.1854,
-12.8252

■ 68.9010, 0.0488,
-15.6992

Harmonies

Analogous

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



38.2550, 3.3253, 6.7924



38.3650, -0.1799, 11.0809



37.8660, -3.3849, 12.3955

Triad

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



38.3650, -0.1799, 11.0809



36.0940, -5.9623, -0.9594



34.4480, 7.1741, -14.4249

Complementary

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



38.3650, -0.1799, 11.0809



44.6350, 0.1799, -11.0809

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.



33.5680, 5.1430, -16.2841



38.3650, -0.1799, 11.0809



35.5600, -2.7411, -7.5071

Square

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



38.3650, -0.1799, 11.0809



37.1980, -6.9996, 5.0884



33.9660, 1.4958, -13.1252



36.3070, 7.7366, -8.1622

Rectangle

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



38.3650, -0.1799, 11.0809



37.9860, -5.4161, 10.5363



33.9660, 1.4958, -13.1252



34.3230, 6.7428, -16.0693

Sweetspot

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



38.3650, -0.1799, 11.0809



61.3210, -0.1583, 4.1035



38.0530, 6.3829, 6.0925



30.3100, -0.1528, 2.3591



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



38.3650, -0.1799, 11.0809



46.1100, -0.0542, 17.4435



39.4420, -3.6689, 10.1364



24.0110, -0.0054, 1.7444



29.8030, -0.8889, 51.9158



72.6350, -2.2851, 126.6081

Inverse Universe

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



38.3650, -0.1799, 11.0809



46.1100, -0.0542, 17.4435



43.5580, 3.6689, -10.1364



24.0110, -0.0054, 1.7444



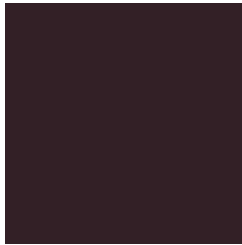
29.8030, -0.8889, 51.9158



72.6350, -2.2851, 126.6081

Previews

White Background



This preview shows how the YUV color 38.3650, -0.1799, 11.0809 looks on a white background.

Color Contrast Check

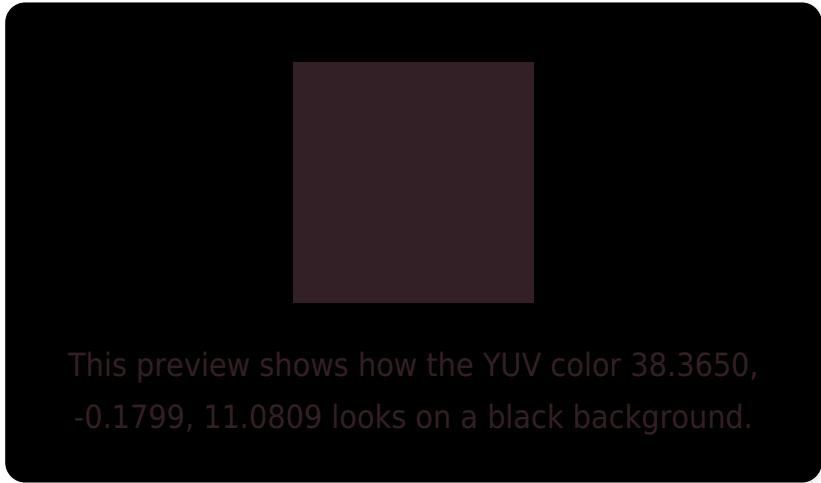
Large Text (above 18pt) WCAG AA ✓ Pass

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

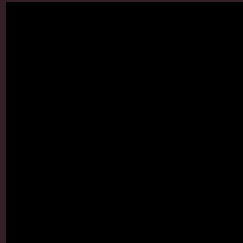
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.3650, -0.1799, 11.0809

Background



This preview shows how black text looks on a background with the YUV color 38.3650, -0.1799, 11.0809.



This preview shows how white text looks on a background with the YUV color 38.3650, -0.1799, 11.0809.

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

38.3650, -0.1799, 11.0809

Protanopia

37.4560, 1.7472, -0.3999

Deuteranopia

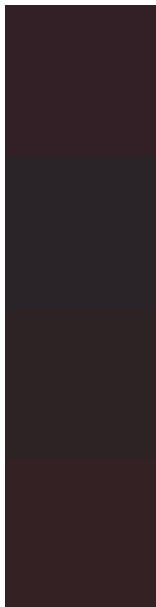
37.6090, -0.3002, 2.9739



Tritanopia

38.6100, -1.7797, 10.8660

Trichromacy



Original Color

38.3650, -0.1799, 11.0809

Protanomaly

37.6630, 1.1521, 3.8035

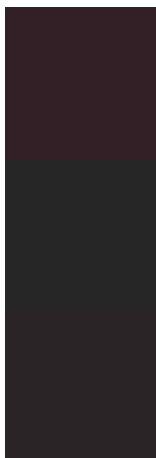
Deuteranomaly

38.2180, -0.6005, 5.9478

Tritanomaly

38.7240, -1.3429, 10.7661

Monochromacy



Original Color

38.3650, -0.1799, 11.0809

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.3210, -0.1583, 4.1035

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.3650, -0.1799, 11.0809 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, 32, 38)` looks like.

```
.text, #text, p{  
    color:rgb(51, 32, 38)  
}
```

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, 32, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 32, 38) }
```

Border

The CSS property to change the border of an element to YUV 38.3650, -0.1799, 11.0809 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, 32, 38) }
```


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

```
.border{ border-color:rgb(51, 32, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 32, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 32, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 32, 38);  
box-shadow:4px 4px 4px 4px rgb(51, 32, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.3650, -0.1799, 11.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 32, 38) }
```

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

```
.background{ background-color: rgb(51, 32,  
38) }
```

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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