

Converting Colors

YUV(38.6580, -1.3104, 0.2999)

Have a look what the booklet for
YUV(38.6580, -1.3104, 0.2999)
contains.

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Color

**YUV(38.6580, -1.3104,
0.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	272724
RGB	39, 39, 36
RGB Percent	15%, 15%, 14%
CMY	0.8471, 0.8471, 0.8588
CMYK	0.00, 0.00, 0.08, 0.85
HSL	60°, 4%, 15%
HSV	60°, 8%, 15%
XYZ	1.8807, 2.0097, 1.9579
YIQ	38.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

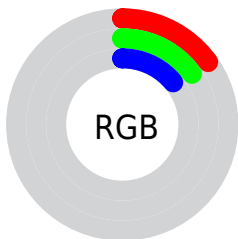
Format	Color
R _Y B	36, 39, 36
Decimal	2565924
CIE Lab	15.54, -0.70, 1.98
CIE LCh	16, 2.101, 109.591
Yxy	2.0097, 0.3216, 0.3436
Android (android.graphics.Color)	4280756004 (0xFF272724)
YUV	38.6580, -1.3104, 0.2999
Hunter-Lab	14.1766, -1.1292, 1.7353

Details

The YUV color **38.6580, -1.3104, 0.2999** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36.3420, 1.3104, -0.2999**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.5440, -1.7472, 0.3999**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.2020, -3.0576, 0.6998**, and if you desaturate by 10%, it is **39.1140, 0.4368, -0.1000**.

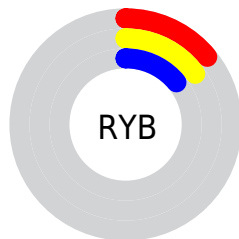
Distribution



Red (15%)

Green (15%)

Blue (14%)



Red (14%)

Yellow (15%)

Blue (14%)

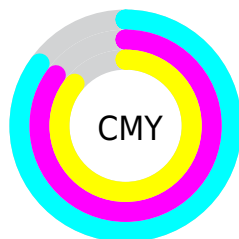


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (85%)



Cyan (85%)

Magenta (85%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.6580, -1.3104, 0.2999 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 38.6580, -1.3104, 0.2999 by changing the saturation by 10% instead.

■ 38.6580, -1.3104,
0.2999

■ 38.6580, -1.3104,
0.2999

■ 255.0000, 0.0000,
0.0000

■ 17.6580, -1.3104,
0.2999

■ 83.5440, -1.7472,
0.3999

■ 0.0000, 0.0000,
0.0000

■ 107.5440, -1.7472,
0.3999

■ 132.6580, -1.3104,
0.2999

■ 158.6580, -1.3104,
0.2999

■ 185.5440, -1.7472,
0.3999

■ 213.5440, -1.7472,

0.3999

■ 241.5440, -1.7472,
0.3999

■ 38.6580, -1.3104,
0.2999

■ 38.6580, -1.3104,
0.2999

■ 38.2020, -3.0576,
0.6998

■ 39.1140, 0.4368,
-0.1000

■ 37.7460, -4.8048,
1.0998

■ 39.5700, 2.1840,
-0.4999

■ 37.2900, -6.5520,
1.4997

■ 40.0260, 3.9312,
-0.8998

■ 36.8340, -8.2992,
1.8996

■ 40.4820, 5.6784,
-1.2997

■ 36.3780, -10.0464,
2.2995

■ 40.9380, 7.4256,
-1.6996

■ 36.0360, -11.3567,
2.5994

■ 41.2800, 8.7360,
-1.9996

■ 35.5800, -13.1039,
2.9993

■ 41.7360, 10.4832,
-2.3995

■ 35.1240, -14.8511,
3.3993

■ 42.1920, 12.2303,
-2.7994

■ 34.6680, -16.5983,
3.7992

■ 42.6480, 13.9775,
-3.1993

Harmonies

Analogous

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



39.2560, -1.6052, 1.5295



38.6580, -1.3104, 0.2999



38.1740, -0.5788, -1.0296

Triad

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



38.6580, -1.3104, 0.2999



38.3310, 1.3158, -2.0443



39.3100, -0.1528, 2.3591

Complementary

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



38.6580, -1.3104, 0.2999



36.3420, 1.3104, -0.2999

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.



38.9400, 1.0156, 0.9296



38.6580, -1.3104, 0.2999



38.7440, 1.6052, -1.5295

Square

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



38.6580, -1.3104, 0.2999



38.5050, 0.7370, -3.0739



39.0430, 1.4578, -0.9147



39.1960, -0.5896, 2.4591

Rectangle

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



38.6580, -1.3104, 0.2999



38.5760, -0.2840, -2.2592



39.0430, 1.4578, -0.9147



39.1250, 0.4314, 1.6444

Sweetspot

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



38.6580, -1.3104, 0.2999



50.8860, -0.4368, 0.1000



36.8970, -0.4422, 1.8443



25.8860, -0.4368, 0.1000



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



38.6580, -1.3104, 0.2999



50.4300, -2.1840, 0.4999



38.3590, -1.1630, -0.3148



19.7720, -0.8736, 0.2000



74.4240, -36.6910, 8.3982



187.8320, -92.6012, 21.1953

Inverse Universe

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



36.3420, 1.3104, -0.2999



46.5700, 2.1840, -0.4999



36.9400, 1.0156, 0.9296



18.2280, 0.8736, -0.2000



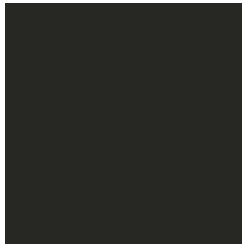
9.5760, 36.6910, -8.3982



24.1680, 92.6012, -21.1953

Previews

White Background



This preview shows how the YUV color 38.6580, -1.3104, 0.2999 looks on a white background.

Color Contrast Check

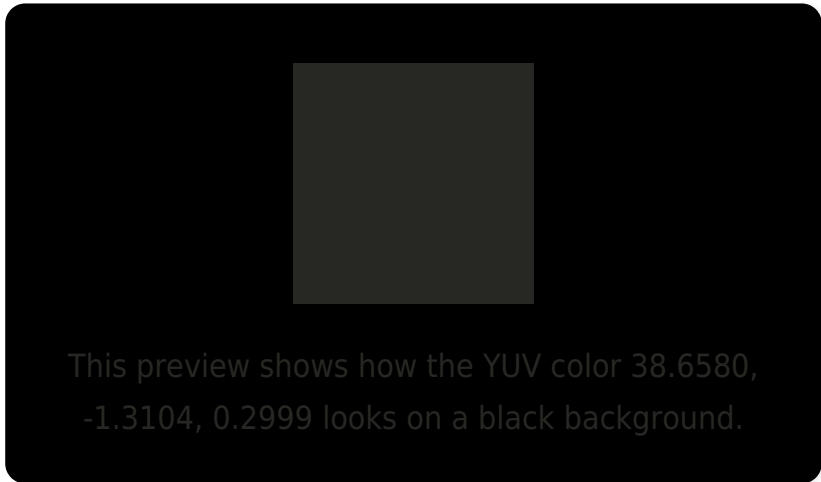
Large Text (above 18pt) WCAG AA ✓ Pass

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

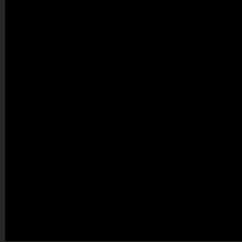
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.6580, -1.3104, 0.2999

Background



This preview shows how black text looks on a background with the YUV color 38.6580, -1.3104, 0.2999.



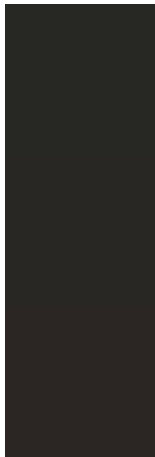
This preview shows how white text looks on a background with the YUV color 38.6580, -1.3104,

0.2999.

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

38.6580, -1.3104, 0.2999

Protanopia

38.9570, -1.4578, 0.9147

Deuteranopia

38.6800, -1.3212, 3.7886



Tritanopia

38.9400, 1.0156, 0.9296

Trichromacy



Original Color

38.6580, -1.3104, 0.2999

Protanomaly

38.9570, -1.4578, 0.9147

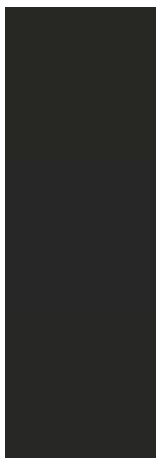
Deuteranomaly

38.9680, -1.4632, 2.6591

Tritanomaly

38.7120, 0.1420, 1.1296

Monochromacy



Original Color

38.6580, -1.3104, 0.2999

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.8860, -0.4368, 0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.6580, -1.3104, 0.2999 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(39, 39, 36)` looks like.

```
.text, #text, p{  
    color:rgb(39, 39, 36)  
}
```

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(39, 39, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 39, 36) }
```

Border

The CSS property to change the border of an element to YUV 38.6580, -1.3104, 0.2999 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(39, 39, 36) }
```


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

```
.border{ border-color:rgb(39, 39, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 39, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 39, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 39, 36);  
box-shadow:4px 4px 4px 4px rgb(39, 39, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.6580, -1.3104, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 39, 36) }
```

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

```
.background{ background-color: rgb(39, 39,  
36) }
```

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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