

Converting Colors

YUV(52.3380, -2.6316, 4.0886)

Have a look what the booklet for
YUV(52.3380, -2.6316, 4.0886)
contains.

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Color

**YUV(52.3380, -2.6316,
4.0886)**

Conversions

Conversions Part 1

Format	Color
Hex	39332F
RGB	57, 51, 47
RGB Percent	22%, 20%, 18%
CMY	0.7765, 0.8000, 0.8157
CMYK	0.00, 0.11, 0.18, 0.78
HSL	24°, 10%, 20%
HSV	24°, 18%, 22%
XYZ	3.3843, 3.4427, 3.1755
YIQ	52.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

Format	Color
RYB	57, 54, 47
Decimal	3748655
CIELab	21.74, 1.84, 3.50
CIElCh	22, 3.953, 62.330
Yxy	3.4427, 0.3383, 0.3442
Android (android.graphics.Color)	4281938735 (0xFF39332F)
YUV	52.3380, -2.6316, 4.0886
Hunter-Lab	18.5546, 0.0868, 2.8413

Details

The YUV color **52.3380, -2.6316, 4.0886** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **51.6620, 2.6316, -4.0886**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.6370, -2.7790, 4.7034**, and **7.1210, -3.5107, 6.0329** is the 20% darker color. If you saturate the color by 10%, you get **49.8930, -4.3842, 6.2328**, and if you desaturate by 10%, it is **54.7830, -0.8790, 1.9443**.

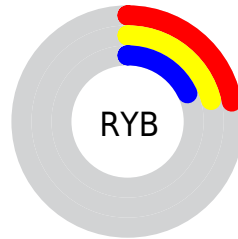
Distribution



Red (22%)

Green (20%)

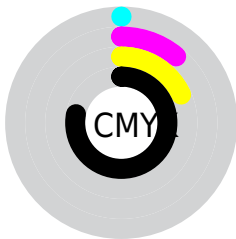
Blue (18%)



Red (22%)

Yellow (21%)

Blue (18%)



Cyan (0%)

Magenta (11%)

Yellow (18%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.3380, -2.6316, 4.0886 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 52.3380, -2.6316, 4.0886 by changing the saturation by 10% instead.

■ 52.3380, -2.6316,
4.0886

■ 52.3380, -2.6316,
4.0886

■ 255.0000, 0.0000,
0.0000

■ 31.0390, -2.4842,
3.4738

■ 98.6370, -2.7790,
4.7034

■ 7.1210, -3.5107,
6.0329

■ 123.5230, -3.2158,
4.8033

■ 0.0000, 0.0000,
0.0000

■ 149.5230, -3.2158,
4.8033

■ 175.8220, -3.3632,
5.4181

■ 203.8220, -3.3632,
5.4181

■ 231.8220, -3.3632,

5.4181

254.7720, -0.8736,
0.2000

■ 52.3380, -2.6316,
4.0886

■ 52.3380, -2.6316,
4.0886

■ 49.8930, -4.3842,
6.2328

■ 54.7830, -0.8790,
1.9443

■ 46.9750, -5.4107,
8.7919

■ 57.7010, 0.1474,
-0.6148

■ 44.5300, -7.1633,
10.9362

■ 60.1460, 1.9000,
-2.7590

■ 41.4980, -8.6265,
13.5953

■ 63.1780, 3.3632,
-5.4181

■ 39.1670, -9.9423,
15.6395

■ 65.6230, 5.1159,
-7.5624

■ 36.1350, -11.4056,
18.2986

■ 68.5410, 6.1423,
-10.1215

■ 33.6900, -13.1582,
20.4429

■ 70.9860, 7.8949,
-12.2657

■ 31.2450, -14.9108,
22.5871

■ 73.4310, 9.6475,
-14.4100

■ 30.5440, -15.0582,
23.2019

■ 76.3490, 10.6739,
-16.9691

Harmonies

Analogous

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



52.2780, -1.6161, 5.0182



52.3380, -2.6316, 4.0886



51.9140, -2.9156, 1.8294

Triad

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



52.3380, -2.6316, 4.0886



51.0810, 0.4531, -5.3330



52.2820, 2.3260, 0.6297

Complementary

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



52.3380, -2.6316, 4.0886



51.6620, 2.6316, -4.0886

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.



51.7870, 3.0630, -2.4442



52.3380, -2.6316, 4.0886



51.4230, 1.7635, -5.6330

Square

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



52.3380, -2.6316, 4.0886



51.6360, -1.2995, -3.1888



51.3630, 2.7790, -4.7034



52.3640, 1.2995, 3.1888

Rectangle

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



52.3380, -2.6316, 4.0886



52.0170, -2.4734, -0.0149



51.3630, 2.7790, -4.7034



52.5700, 2.1840, -0.4999

Sweetspot

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



52.3380, -2.6316, 4.0886



72.3700, -1.1684, 1.4295



50.6740, 1.1467, 5.5479



37.1850, -0.5842, 0.7148



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



52.3380, -2.6316, 4.0886



66.8930, -4.3842, 6.2328



55.2730, -4.0786, 1.5146



26.4840, -0.7316, 1.3295



49.2270, -24.2689, 37.5119



117.1370, -57.7485, 89.3339

Inverse Universe

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



51.6620, 2.6316, -4.0886



65.6940, 4.0949, -6.7476



48.7270, 4.0786, -1.5146



26.5160, 0.7316, -1.3295



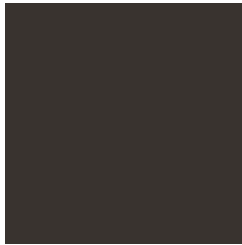
42.7730, 24.2689, -37.5119



102.4500, 57.4592, -89.8486

Previews

White Background



This preview shows how the YUV color 52.3380, -2.6316, 4.0886 looks on a white background.

Color Contrast Check

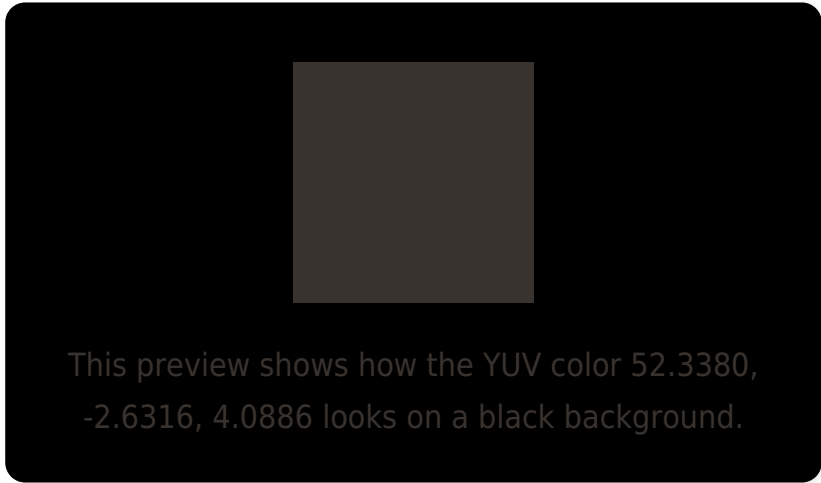
Large Text (above 18pt) WCAG AA ✓ Pass

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

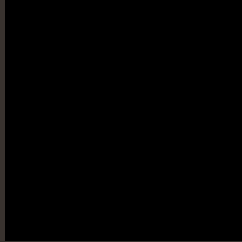
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.3380, -2.6316, 4.0886

Background



This preview shows how black text looks on a background with the YUV color 52.3380, -2.6316, 4.0886.

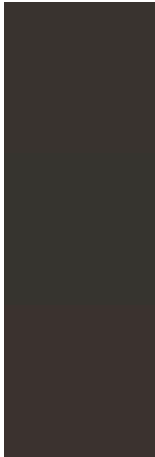


This preview shows how white text looks on a background with the YUV color 52.3380, -2.6316,

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

52.3380, -2.6316, 4.0886

Protanopia

52.0280, -2.4788, 1.7294

Deuteranopia

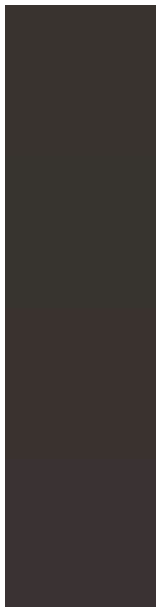
52.3490, -2.6371, 5.8329



Tritanopia

52.8480, 0.5679, 4.5183

Trichromacy



Original Color

52.3380, -2.6316, 4.0886

Protanomaly

52.3270, -2.6262, 2.3442

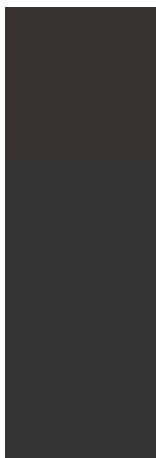
Deuteranomaly

52.0500, -2.4896, 5.2182

Tritanomaly

52.5060, -0.7425, 4.8182

Monochromacy



Original Color

52.3380, -2.6316, 4.0886

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.3700, -1.1684, 1.4295

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.3380, -2.6316, 4.0886 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(57, 51, 47)` looks like.

```
.text, #text, p{  
    color:rgb(57, 51, 47)  
}
```

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(57, 51, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 51, 47) }
```

Border

The CSS property to change the border of an element to YUV 52.3380, -2.6316, 4.0886 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(57, 51, 47) }
```


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

```
.border{ border-color:rgb(57, 51, 47) }
```

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

Here you see how a box with a 4 pixel rgb(57, 51, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 51, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 51, 47);  
box-shadow:4px 4px 4px 4px rgb(57, 51, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.3380, -2.6316, 4.0886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 51, 47) }
```

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

```
.background{ background-color: rgb(57, 51,  
47) }
```

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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