

Converting Colors

YUV(49.8280, -5.8312, 3.6588)

Have a look what the booklet for
YUV(49.8280, -5.8312, 3.6588)
contains.

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Color

**YUV(49.8280, -5.8312,
3.6588)**

Conversions

Conversions Part 1

Format	Color
Hex	363226
RGB	54, 50, 38
RGB Percent	21%, 20%, 15%
CMY	0.7882, 0.8039, 0.8510
CMYK	0.00, 0.07, 0.30, 0.79
HSL	45°, 17%, 18%
HSV	45°, 30%, 21%
XYZ	3.0118, 3.2054, 2.2937
YIQ	49.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

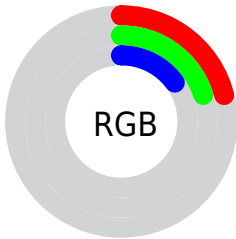
Format	Color
RYB	43, 54, 38
Decimal	3551782
CIELab	20.85, -0.61, 8.30
CIELCh	21, 8.318, 94.194
Yxy	3.2054, 0.3539, 0.3766
Android (android.graphics.Color)	4281741862 (0xFF363226)
YUV	49.8280, -5.8312, 3.6588
Hunter-Lab	17.9037, -1.3040, 4.9368

Details

The YUV color **49.8280, -5.8312, 3.6588** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42.1720, 5.8312, -3.6588**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.0130, -6.4154, 4.3736**, and **2.6580, -1.3104, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **48.6710, -7.7258, 4.6735**, and if you desaturate by 10%, it is **50.9850, -3.9366, 2.6442**.

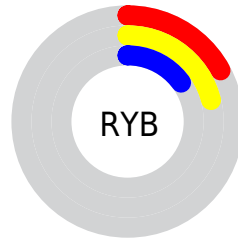
Distribution



Red (21%)

Green (20%)

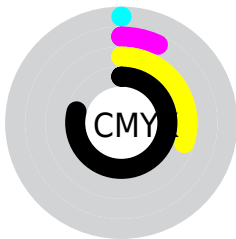
Blue (15%)



Red (17%)

Yellow (21%)

Blue (15%)

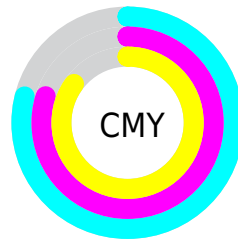


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (79%)



Cyan (79%)

Magenta (80%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.8280, -5.8312, 3.6588 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 49.8280, -5.8312, 3.6588 by changing the saturation by 10% instead.

■ 49.8280, -5.8312,
3.6588

■ 49.8280, -5.8312,
3.6588

255.0000, 0.0000,
0.0000

■ 28.8280, -5.8312,
3.6588

■ 96.0130, -6.4154,
4.3736

■ 2.6580, -1.3104,
0.2999

■ 120.8990, -6.8522,
4.4736

■ 0.0000, 0.0000,
0.0000

■ 146.7850, -7.2890,
4.5736

■ 173.0840, -7.4364,
5.1883

■ 200.0840, -7.4364,
5.1883

■ 228.6710, -7.7258,

4.6735

■ 253.4040, -6.1152,
1.3997

■ 49.8280, -5.8312,
3.6588

■ 49.8280, -5.8312,
3.6588

■ 48.6710, -7.7258,
4.6735

■ 50.9850, -3.9366,
2.6442

■ 46.8130, -9.7678,
6.3030

■ 52.8430, -1.8946,
1.0147

■ 45.6560, -11.6624,
7.3177

■ 54.0000, 0.0000,
0.0000

■ 44.3850, -13.9938,
8.4324

■ 55.2710, 2.3314,
-1.1147

■ 42.6410, -15.5990,
9.9618

■ 57.0150, 3.9366,
-2.6442

■ 41.4840, -17.4936,
10.9765

■ 58.1720, 5.8312,
-3.6588

■ 40.2130, -19.8250,
12.0912

■ 59.4430, 8.1626,
-4.7735

■ 61.1870, 9.7678,
-6.3030

■ 62.4580, 12.0992,
-7.4177

Harmonies

Analogous

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



50.2630, -5.5527, 7.6623



49.8280, -5.8312, 3.6588



49.1370, -4.5045, -1.8741

Triad

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



49.8280, -5.8312, 3.6588



47.7750, 4.5479, -12.0807



51.6140, 2.1623, 6.4775

Complementary

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



49.8280, -5.8312, 3.6588



42.1720, 5.8312, -3.6588

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.



50.5640, 4.6519, 1.2594



49.8280, -5.8312, 3.6588



48.5410, 6.1423, -10.1215

Square

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



49.8280, -5.8312, 3.6588



47.9770, 1.4903, -11.3808



49.5740, 6.1260, -4.8884



51.1260, -1.0481, 9.5365

Rectangle

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



49.8280, -5.8312, 3.6588



48.8700, -2.8939, -5.1480



49.5740, 6.1260, -4.8884



51.1300, 2.8939, 5.1480

Sweetspot

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



49.8280, -5.8312, 3.6588



69.7290, -2.3314, 1.1147



43.2400, -0.6113, 9.4365



34.9570, -1.4578, 0.9147



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



49.8280, -5.8312, 3.6588



64.6280, -9.1836, 5.5882



50.9800, -6.3991, -0.8595



27.0710, -1.0210, 0.8147



68.0110, -33.5294, 21.0384



161.7490, -79.7423, 50.2091

Inverse Universe

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



42.1720, 5.8312, -3.6588



52.3720, 9.1836, -5.5882



41.0200, 6.3991, 0.8595



25.9290, 1.0210, -0.8147



23.9890, 33.5294, -21.0384



57.2510, 79.7423, -50.2091

Previews

White Background



This preview shows how the YUV color 49.8280, -5.8312, 3.6588 looks on a white background.

Color Contrast Check

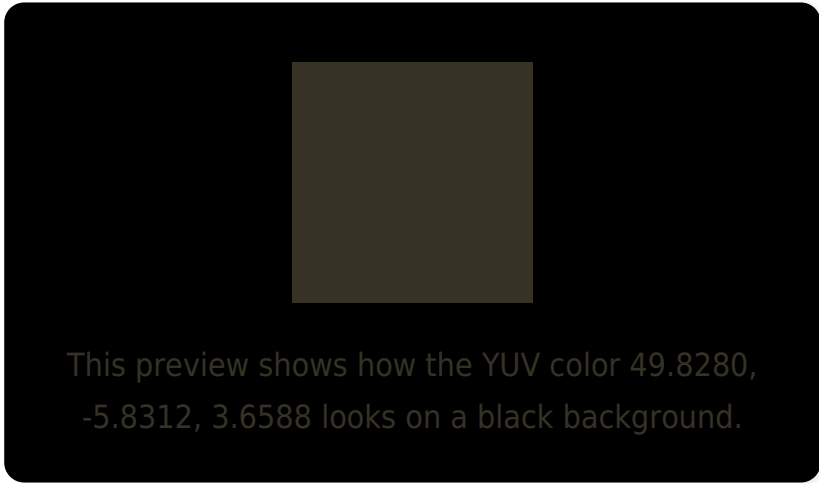
Large Text (above 18pt) WCAG AA ✓ Pass

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

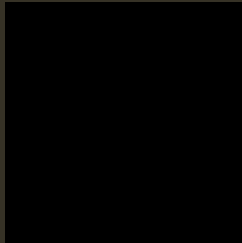
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

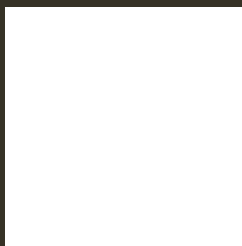
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 49.8280, -5.8312, 3.6588

Background



This preview shows how black text looks on a background with the YUV color 49.8280, -5.8312, 3.6588.



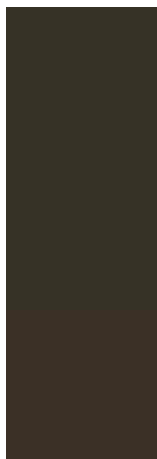
This preview shows how white text looks on a background with the YUV color 49.8280, -5.8312,

3.6588.

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

49.8280, -5.8312, 3.6588

Protanopia

49.8280, -5.8312, 3.6588

Deuteranopia

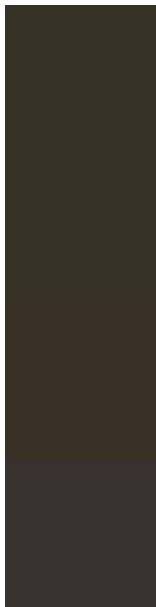
50.1490, -5.9895, 7.7623



Tritanopia

50.8480, 0.5679, 4.5183

Trichromacy



Original Color

49.8280, -5.8312, 3.6588

Protanomaly

49.8280, -5.8312, 3.6588

Deuteranomaly

50.1380, -5.9840, 6.0180

Tritanomaly

50.5660, -1.7580, 3.8886

Monochromacy



Original Color

49.8280, -5.8312, 3.6588

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.8430, -1.8946, 1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.8280, -5.8312, 3.6588 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(54, 50, 38)` looks like.

```
.text, #text, p{  
    color:rgb(54, 50, 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(54, 50, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 50, 38) }
```

Border

The CSS property to change the border of an element to YUV 49.8280, -5.8312, 3.6588 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(54, 50, 38) }
```


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

```
.border{ border-color:rgb(54, 50, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 50, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 50, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 50, 38);  
box-shadow:4px 4px 4px 4px rgb(54, 50, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.8280, -5.8312, 3.6588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 50, 38) }
```

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

```
.background{ background-color: rgb(54, 50,  
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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