

Converting Colors

YUV(34.3580, 3.7675, 4.9480)

Have a look what the booklet for
YUV(34.3580, 3.7675, 4.9480)
contains.

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Color

**YUV(34.3580, 3.7675,
4.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	281E2A
RGB	40, 30, 42
RGB Percent	16%, 12%, 16%
CMY	0.8431, 0.8824, 0.8353
CMYK	0.05, 0.29, 0.00, 0.84
HSL	290°, 17%, 14%
HSV	290°, 29%, 16%
XYZ	1.7573, 1.5468, 2.3964
YIQ	34.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

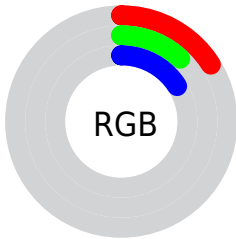
Format	Color
RYB	40, 30, 42
Decimal	2629162
CIELab	12.90, 7.63, -6.22
CIElCh	13, 9.842, 320.832
Yxy	1.5468, 0.3083, 0.2713
Android (android.graphics.Color)	4280819242 (0xFF281E2A)
YUV	34.3580, 3.7675, 4.9480
Hunter-Lab	12.4372, 3.4555, -2.7182

Details

The YUV color **34.3580, 3.7675, 4.9480** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37.6420, -3.7675, -4.9480**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.7710, 4.0569, 5.4628**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.7110, 5.0725, 6.3925**, and if you desaturate by 10%, it is **37.0050, 2.4625, 3.5036**.

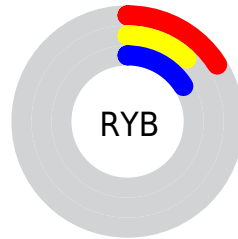
Distribution



Red (16%)

Green (12%)

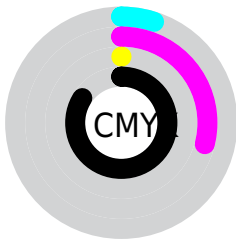
Blue (16%)



Red (16%)

Yellow (12%)

Blue (16%)

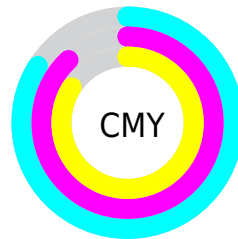


Cyan (5%)

Magenta (29%)

Yellow (0%)

Black (84%)



Cyan (84%)

Magenta (88%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.3580, 3.7675, 4.9480 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 34.3580, 3.7675, 4.9480 by changing the saturation by 10% instead.

■ 34.3580, 3.7675,
4.9480

■ 34.3580, 3.7675,
4.9480

■ 255.0000, 0.0000,
0.0000

■ 11.4230, 5.2145,
7.5220

■ 78.7710, 4.0569,
5.4628

■ 0.0000, 0.0000,
0.0000

■ 103.1840, 4.3463,
5.9776

■ 127.5970, 4.6357,
6.4924

■ 153.5970, 4.6357,
6.4924

■ 180.5970, 4.6357,
6.4924

■ 208.0100, 4.9251,

7.0072

236.1240, 5.3619,
6.9073

34.3580, 3.7675,
4.9480

34.3580, 3.7675,
4.9480

31.7110, 5.0725,
6.3925

37.0050, 2.4625,
3.5036

29.3630, 6.2300,
8.4516

39.3530, 1.3050,
1.4444

26.1290, 7.8244,
10.4109

42.5870, -0.2894,
-0.5148

23.4820, 9.1294,
11.8553

45.2340, -1.5944,
-1.9592

21.1340, 10.2869,
13.9145

47.5820, -2.7519,
-4.0184

■ 18.4870, 11.5919,
15.3589

■ 50.2290, -4.0569,
-5.4628

■ 15.8400, 12.8969,
16.8033

■ 52.8760, -5.3619,
-6.9073

■ 15.2530, 13.1863,
17.3181

■ 56.1100, -6.9562,
-8.8665

■ 58.4580, -8.1138,
-10.9257

Harmonies

Analogous

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



33.2970, 6.2626, -2.0145



34.3580, 3.7675, 4.9480



33.9950, 0.9885, 9.6514

Triad

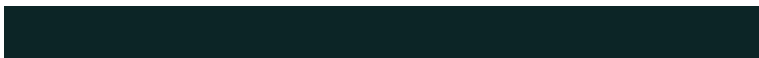
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.3580, 3.7675, 4.9480



33.0240, -6.4208, 6.1180



29.6390, 4.1220, -15.4694

Complementary

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



34.3580, 3.7675, 4.9480



37.6420, -3.7675, -4.9480

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.



30.6350, 0.1799, -11.0809



34.3580, 3.7675, 4.9480



32.1050, -5.9678, 0.7849

Square

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



34.3580, 3.7675, 4.9480



33.6870, -5.2687, 9.9215



31.4570, -3.1833, -5.6628



30.3340, 6.7373, -14.3249

Rectangle

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



34.3580, 3.7675, 4.9480



34.0230, -1.4903, 11.3808



31.4570, -3.1833, -5.6628



30.0090, 2.9536, -14.0399

Sweetspot

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



34.3580, 3.7675, 4.9480



50.7660, 1.5944, 1.9592



32.5420, 4.6628, -2.2293



26.2390, 0.8682, 1.5444



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



34.3580, 3.7675, 4.9480



41.9500, 5.9407, 7.9369



34.5000, 1.7255, 6.5775



18.8260, 0.5788, 1.0296



30.5060, 26.3725, 34.6362



76.7920, 66.6575, 87.0054

Inverse Universe

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



33.8160, -0.8953, 7.1774



41.0230, -1.4903, 11.3808



37.5000, -1.7255, -6.5775



18.7120, 0.1420, 1.1296



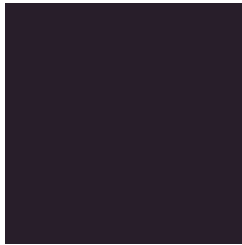
26.7120, -6.2670, 50.2416



67.3780, -15.9624, 126.8335

Previews

White Background



This preview shows how the YUV color 34.3580, 3.7675, 4.9480 looks on a white background.

Color Contrast Check

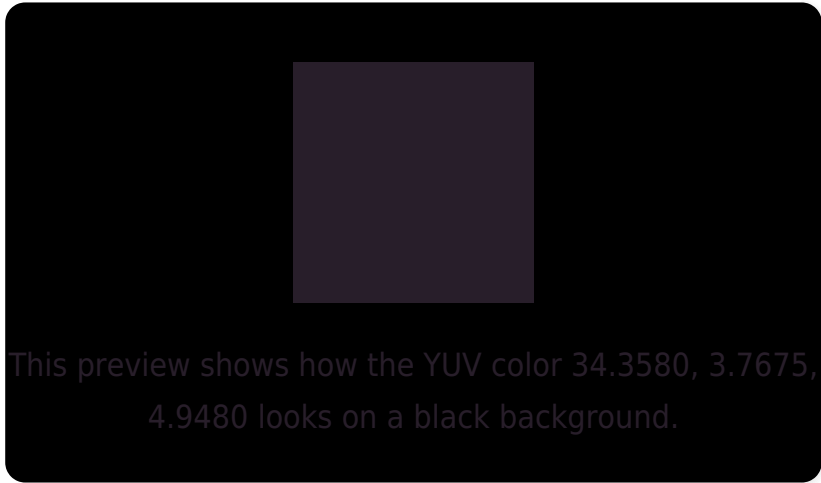
Large Text (above 18pt) WCAG AA ✓ Pass

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

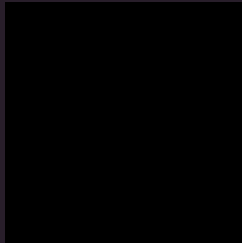
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.3580, 3.7675, 4.9480

Background



This preview shows how black text looks on a background with the YUV color 34.3580, 3.7675, 4.9480.



This preview shows how white text looks on a background with the YUV color 34.3580, 3.7675,

4.9480.

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

34.3580, 3.7675, 4.9480

Protanopia

33.3570, 5.2470, -2.9441

Deuteranopia

33.9120, 3.4944, -0.7998



Tritanopia

34.3210, -0.1583, 4.1035

Trichromacy



Original Color

34.3580, 3.7675, 4.9480

Protanomaly

33.8520, 4.5100, 0.1298

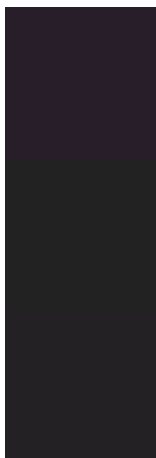
Deuteranomaly

34.2220, 3.3416, 1.5593

Tritanomaly

34.0760, 1.4415, 4.3183

Monochromacy



Original Color

34.3580, 3.7675, 4.9480

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.3530, 1.3050, 1.4444

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.3580, 3.7675, 4.9480 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(40, 30, 42)` looks like.

```
.text, #text, p{  
    color:rgb(40, 30, 42)  
}
```

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(40, 30, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 30, 42) }
```

Border

The CSS property to change the border of an element to YUV 34.3580, 3.7675, 4.9480 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(40, 30, 42) }
```


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

```
.border{ border-color:rgb(40, 30, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 30, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 30, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 30, 42);  
box-shadow:4px 4px 4px 4px rgb(40, 30, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.3580, 3.7675, 4.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 30, 42) }
```

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

```
.background{ background-color: rgb(40, 30,  
42) }
```

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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