

Converting Colors

YUV(40.2580, -4.5642, 17.3137)

Have a look what the booklet for
YUV(40.2580, -4.5642, 17.3137)
contains.

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Color

**YUV(40.2580, -4.5642,
17.3137)**

Conversions

Conversions Part 1

Format	Color
Hex	3C201F
RGB	60, 32, 31
RGB Percent	24%, 13%, 12%
CMY	0.7647, 0.8745, 0.8784
CMYK	0.00, 0.47, 0.48, 0.76
HSL	2°, 32%, 18%
HSV	2°, 48%, 24%
XYZ	2.6273, 2.0926, 1.5618
YIQ	40.2580, 17.0090, 5.6250

Conversions

Conversions Part 2

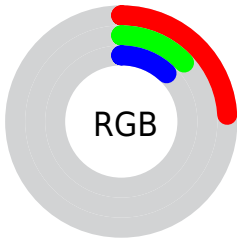
Format	Color
RYB	60, 32, 31
Decimal	3940383
CIELab	15.97, 13.40, 6.52
CIElCh	16, 14.898, 25.952
Yxy	2.0926, 0.4182, 0.3331
Android (android.graphics.Color)	4282130463 (0xFF3C201F)
YUV	40.2580, -4.5642, 17.3137
Hunter-Lab	14.4659, 7.1042, 3.7250

Details

The YUV color **40.2580, -4.5642, 17.3137** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **50.7420, 4.5642, -17.3137**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.3400, -5.5906, 19.8728**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.0520, -5.4486, 21.0024**, and if you desaturate by 10%, it is **44.4640, -3.6798, 13.6251**.

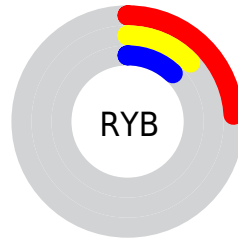
Distribution



Red (24%)

Green (13%)

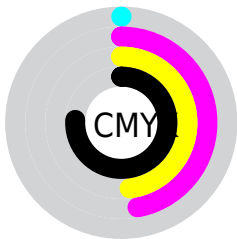
Blue (12%)



Red (24%)

Yellow (13%)

Blue (12%)

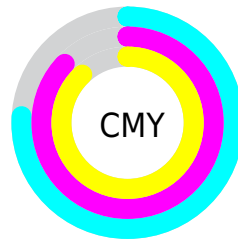


Cyan (0%)

Magenta (47%)

Yellow (48%)

Black (76%)



Cyan (76%)

Magenta (87%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.2580, -4.5642, 17.3137 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 40.2580, -4.5642, 17.3137 by changing the saturation by 10% instead.

■ 40.2580, -4.5642,
17.3137

■ 40.2580, -4.5642,
17.3137

255.0000, 0.0000,
0.0000

■ 18.5030, -6.1640,
17.0989

■ 86.3400, -5.5906,
19.8728

■ 0.0000, 0.0000,
0.0000

■ 110.9380, -5.8854,
21.1024

■ 136.1230, -6.4696,
21.8171

■ 162.7210, -6.7645,
23.0467

■ 189.4330, -6.6225,
24.1763

■ 217.3190, -7.0593,

24.2762

■ 239.9370, -4.4059,
13.2103

■ 40.2580, -4.5642,
17.3137

■ 40.2580, -4.5642,
17.3137

■ 36.0520, -5.4486,
21.0024

■ 44.4640, -3.6798,
13.6251

■ 31.8460, -6.3331,
24.6911

■ 48.6700, -2.7953,
9.9364

■ 28.2270, -7.5069,
27.8649

■ 52.2890, -1.6215,
6.7625

■ 24.0210, -8.3914,
31.5536

■ 56.4950, -0.7370,
3.0739

■ 19.8150, -9.2758,
35.2422

■ 60.7010, 0.1474,
-0.6148

■ 19.1140, -9.4232,
35.8570

■ 64.9070, 1.0318,
-4.3034

■ 69.1130, 1.9163,
-7.9921

■ 72.7320, 3.0901,
-11.1660

■ 76.9380, 3.9746,
-14.8546

Harmonies

Analogous

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



40.6260, 0.6774, 16.1140



40.2580, -4.5642, 17.3137



39.9110, -8.3371, 14.1101

Triad

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



40.2580, -4.5642, 17.3137



36.4950, -4.1880, -10.0811



37.3000, 11.6841, -14.2951

Complementary

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



40.2580, -4.5642, 17.3137



50.7420, 4.5642, -17.3137

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.



32.6250, 12.0169, -27.7351



40.2580, -4.5642, 17.3137



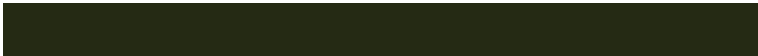
33.4380, 2.2491, -21.4321

Square

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



40.2580, -4.5642, 17.3137



37.9970, -8.8725, -0.8744



32.0010, 8.3805, -28.0649



40.1060, 9.3147, -0.9700

Rectangle

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



40.2580, -4.5642, 17.3137



39.1340, -9.9261, 10.4065



32.0010, 8.3805, -28.0649



35.6800, 11.9898, -19.0134

Sweetspot

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



40.2580, -4.5642, 17.3137



71.1750, -2.0583, 6.8625



42.8630, 7.9555, 15.0291



35.9790, -1.4686, 4.4034



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



40.2580, -4.5642, 17.3137



47.9280, -7.3595, 27.2501



48.4760, -8.6157, 10.1065



28.8970, -0.4422, 1.8443



29.8670, -14.7244, 56.2446



71.0740, -35.0395, 132.3621

Inverse Universe

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



50.7420, 4.5642, -17.3137



64.0720, 7.3595, -27.2501



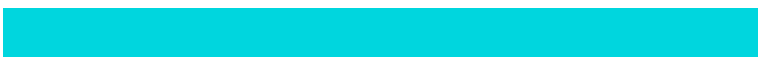
42.5240, 8.6157, -10.1065



29.5160, 0.7316, -1.3295



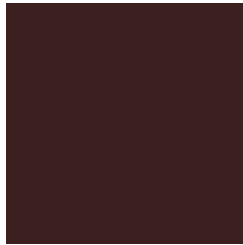
64.1330, 14.7244, -56.2446



150.9260, 35.0395, -132.3621

Previews

White Background



This preview shows how the YUV color 40.2580, -4.5642, 17.3137 looks on a white background.

Color Contrast Check

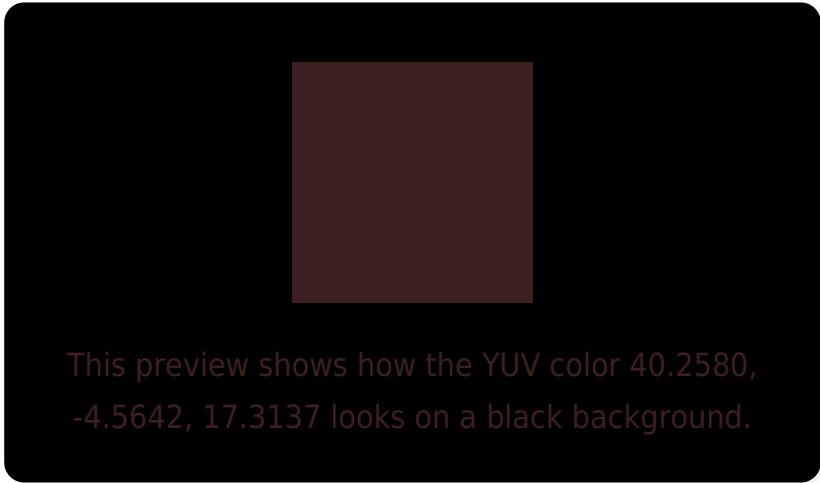
Large Text (above 18pt) WCAG AA ✓ Pass

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

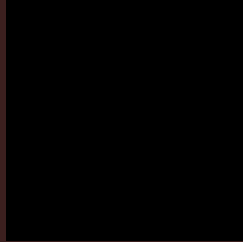
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.2580, -4.5642, 17.3137

Background



This preview shows how black text looks on a background with the YUV color 40.2580, -4.5642, 17.3137.

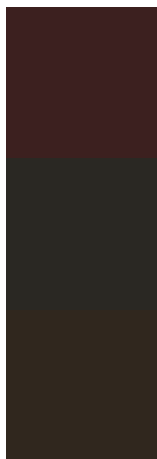


This preview shows how white text looks on a background with the YUV color 40.2580, -4.5642,

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

40.2580, -4.5642, 17.3137

Protanopia

40.0280, -2.4788, 1.7294

Deuteranopia

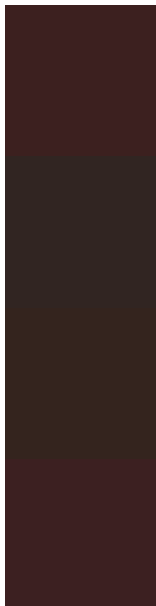
40.6650, -5.2578, 6.4328



Tritanopia

40.6000, -3.2538, 17.0138

Trichromacy



Original Color

40.2580, -4.5642, 17.3137

Protanomaly

40.2460, -3.0793, 7.6773

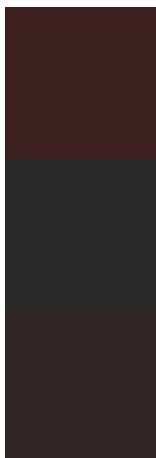
Deuteranomaly

40.1000, -4.9793, 10.4363

Tritanomaly

40.4860, -3.6906, 17.1138

Monochromacy



Original Color

40.2580, -4.5642, 17.3137

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.2580, -4.5642, 17.3137 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(60, 32, 31)` looks like.

```
.text, #text, p{  
    color:rgb(60, 32, 31)  
}
```

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(60, 32, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 32, 31) }
```

Border

The CSS property to change the border of an element to YUV 40.2580, -4.5642, 17.3137 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(60, 32, 31) }
```


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

```
.border{ border-color:rgb(60, 32, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 32, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 32, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 32, 31);  
box-shadow:4px 4px 4px 4px rgb(60, 32, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.2580, -4.5642, 17.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 32, 31) }
```

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

```
.background{ background-color: rgb(60, 32,  
31) }
```

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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