

Converting Colors

YUV(45.0060, -2.4680, -1.7593)

Have a look what the booklet for
YUV(45.0060, -2.4680, -1.7593)
contains.

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Color

**YUV(45.0060, -2.4680,
-1.7593)**

Conversions

Conversions Part 1

Format	Color
Hex	2B2F28
RGB	43, 47, 40
RGB Percent	17%, 18%, 16%
CMY	0.8314, 0.8157, 0.8431
CMYK	0.09, 0.00, 0.15, 0.82
HSL	94°, 8%, 17%
HSV	94°, 15%, 18%
XYZ	2.3958, 2.6998, 2.4023
YIQ	45.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

Format	Color
R_YB	40, 47, 44
Decimal	2830120
CIE Lab	18.80, -3.39, 3.90
CIE LCh	19, 5.174, 131.009
Yxy	2.6998, 0.3195, 0.3601
Android (android.graphics.Color)	4281020200 (0xFF2B2F28)
YUV	45.0060, -2.4680, -1.7593
Hunter-Lab	16.4311, -2.7279, 2.8332

Details

The YUV color **45.0060, -2.4680, -1.7593** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.9940, 2.4680, 1.7593**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.5930, -2.7573, -2.2741**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **43.5390, -4.2097, -3.1037**, and if you desaturate by 10%, it is **46.4730, -0.7262, -0.4148**.

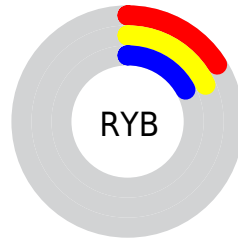
Distribution



Red (17%)

Green (18%)

Blue (16%)



Red (16%)

Yellow (18%)

Blue (17%)

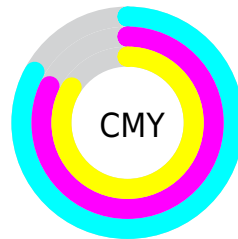


Cyan (9%)

Magenta (0%)

Yellow (15%)

Black (82%)



Cyan (83%)

Magenta (82%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.0060, -2.4680, -1.7593 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 45.0060, -2.4680, -1.7593 by changing the saturation by 10% instead.

■ 45.0060, -2.4680,
-1.7593

■ 45.0060, -2.4680,
-1.7593

■ 255.0000, 0.0000,
0.0000

■ 24.4190, -2.1786,
-1.2445

■ 90.5930, -2.7573,
-2.2741

■ 0.0000, 0.0000,
0.0000

■ 114.8920, -2.9048,
-1.6593

■ 140.5930, -2.7573,
-2.2741

■ 166.8920, -2.9048,
-1.6593

■ 194.4790, -3.1941,
-2.1741

■ 222.0660, -3.4835,

-2.6889

■ 250.4790, -3.1941,
-2.1741

■ 45.0060, -2.4680,
-1.7593

■ 45.0060, -2.4680,
-1.7593

■ 43.5390, -4.2097,
-3.1037

■ 46.4730, -0.7262,
-0.4148

■ 42.4850, -5.6621,
-3.9333

■ 47.5270, 0.7262,
0.4148

■ 41.0180, -7.4039,
-5.2778

■ 48.9940, 2.4680,
1.7593

■ 39.5510, -9.1456,
-6.6222

■ 50.4610, 4.2097,
3.1037

■ 38.4970, -10.5980,
-7.4519

■ 51.6290, 6.0989,
3.8334

■ 37.0300, -12.3398,
-8.7963

■ 52.9820, 7.4039,
5.2778

■ 35.5630, -14.0816,
-10.1408

■ 54.4490, 9.1456,
6.6222

■ 34.3950, -15.9707,
-10.8704

■ 55.6170, 11.0348,
7.3519

■ 33.5690, -16.5495,
-11.9000

■ 56.9700, 12.3398,
8.7963

Harmonies

Analogous

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



45.3870, -3.6418, 1.4146



45.0060, -2.4680, -1.7593



44.7390, -0.8573, -5.0331

Triad

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



45.0060, -2.4680, -1.7593



45.2920, 3.8000, -5.5181



46.4030, -1.1847, 6.6626

Complementary

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



45.0060, -2.4680, -1.7593



41.9940, 2.4680, 1.7593

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.



46.2610, 0.8573, 5.0331



45.0060, -2.4680, -1.7593



45.9010, 3.4998, -2.5442

Square

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



45.0060, -2.4680, -1.7593



44.6400, 2.6425, -7.5773



45.9940, 2.4680, 1.7593



46.3490, -2.6371, 5.8329

Rectangle

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



45.0060, -2.4680, -1.7593



44.4830, 0.7479, -6.5626



45.9940, 2.4680, 1.7593



46.3320, -0.1637, 5.8478

Sweetspot

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



45.0060, -2.4680, -1.7593



60.4730, -0.7262, -0.4148



44.4410, -2.1894, 2.2442



30.4730, -0.7262, -0.4148



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



45.0060, -2.4680, -1.7593



57.9520, -3.9203, -2.5889



44.1090, -2.0257, -3.6036



22.4730, -0.7262, -0.4148



62.1320, -30.6311, -22.0408



153.1260, -75.4911, -53.6075

Inverse Universe

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



41.9940, 2.4680, 1.7593



53.0480, 3.9203, 2.5889



42.8910, 2.0257, 3.6036



21.5270, 0.7262, 0.4148



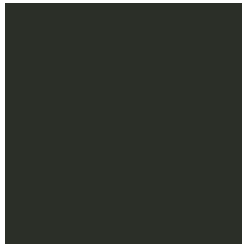
24.8680, 30.6311, 22.0408



60.8740, 75.4911, 53.6075

Previews

White Background



This preview shows how the YUV color 45.0060, -2.4680, -1.7593 looks on a white background.

Color Contrast Check

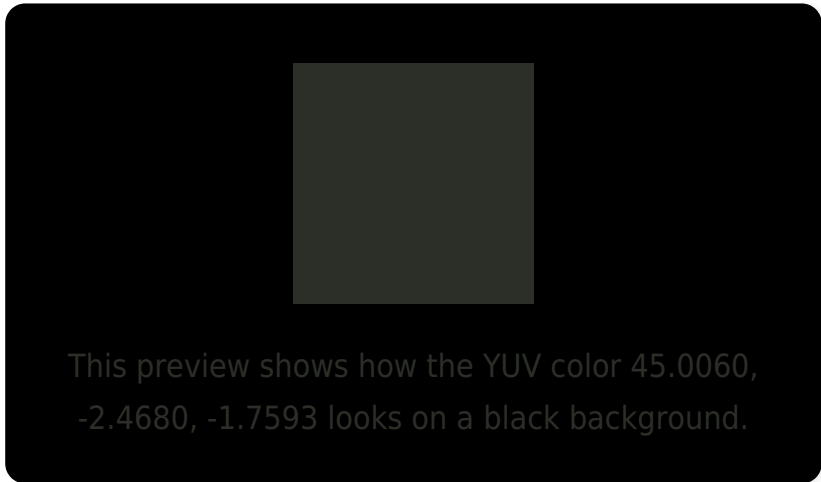
Large Text (above 18pt) WCAG AA ✓ Pass

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

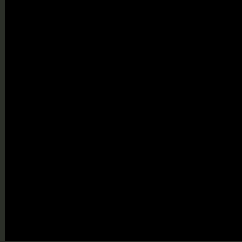
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

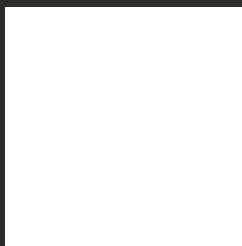
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 45.0060, -2.4680, -1.7593

Background



This preview shows how black text looks on a background with the YUV color 45.0060, -2.4680, -1.7593.



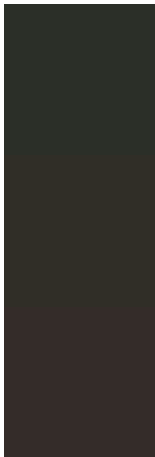
This preview shows how white text looks on a background with the YUV color 45.0060, -2.4680, -1.7593.

-1.7593.

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

45.0060, -2.4680, -1.7593

Protanopia

45.8000, -3.3524, 1.9294

Deuteranopia

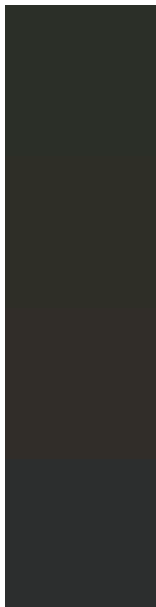
46.0500, -2.4896, 5.2182



Tritanopia

45.7440, 1.6052, -1.5295

Trichromacy



Original Color

45.0060, -2.4680, -1.7593

Protanomaly

45.2020, -3.0576, 0.6998

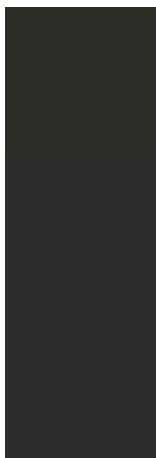
Deuteranomaly

45.7400, -2.3368, 2.8590

Tritanomaly

45.4020, 0.2948, -1.2296

Monochromacy



Original Color

45.0060, -2.4680, -1.7593

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0600, -1.0156, -0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.0060, -2.4680, -1.7593 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(43, 47, 40)` looks like.

```
.text, #text, p{  
    color:rgb(43, 47, 40)  
}
```

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(43, 47, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 47, 40) }
```

Border

The CSS property to change the border of an element to YUV 45.0060, -2.4680, -1.7593 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(43, 47, 40) }
```


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

```
.border{ border-color:rgb(43, 47, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 47, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 47, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 47, 40);  
box-shadow:4px 4px 4px 4px rgb(43, 47, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.0060, -2.4680, -1.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 47, 40) }
```

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

```
.background{ background-color: rgb(43, 47,  
40) }
```

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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