

Converting Colors

YUV(52.6680, -10.1893,
-45.3128)

Have a look what the booklet for
YUV(52.6680, -10.1893, -45.3128)
contains.

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Color

**YUV(52.6680, -10.1893,
-45.3128)**

Conversions

Conversions Part 1

Format	Color
Hex	015320
RGB	1, 83, 32
RGB Percent	0%, 33%, 13%
CMY	0.9961, 0.6745, 0.8745
CMYK	0.99, 0.00, 0.61, 0.67
HSL	143°, 98%, 16%
HSV	143°, 99%, 33%
XYZ	3.3665, 6.2973, 2.4046
YIQ	52.6680, -32.5010, -33.2450

Conversions

Conversions Part 2

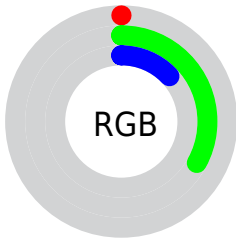
Format	Color
R_YB	1, 61, 83
Decimal	86816
CIE _{Lab}	30.15, -34.72, 23.46
CIE _{LCh}	30, 41.902, 145.956
Yxy	6.2973, 0.2790, 0.5218
Android (android.graphics.Color)	4278276896 (0xFF015320)
YUV	52.6680, -10.1893, -45.3128
Hunter-Lab	25.0943, -19.9687, 11.8848

Details

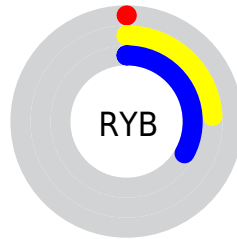
The YUV color **52.6680, -10.1893, -45.3128** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **31.3320, 10.1893, 45.3128**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.0990, -13.8528, -36.9208**, and **22.3060, -10.9969, -19.5624** is the 20% darker color. If you saturate the color by 10%, you get **52.2550, -10.4787, -45.8276**, and if you desaturate by 10%, it is **55.6300, -9.1846, -40.8945**.

Distribution



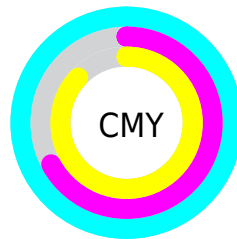
- Red (0%)
- Green (33%)
- Blue (13%)



- Red (0%)
- Yellow (24%)
- Blue (33%)



- Cyan (99%)
- Magenta (0%)
- Yellow (61%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.6680, -10.1893, -45.3128 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 52.6680, -10.1893, -45.3128 by changing the saturation by 10% instead.

■ 52.6680, -10.1893,
-45.3128

■ 52.6680, -10.1893,
-45.3128

255.0000, 0.0000,
0.0000

■ 35.7730, -12.7061,
-31.3729

■ 106.0990,
-13.8528, -36.9208

■ 22.3060, -10.9969,
-19.5624

■ 132.4580,
-15.0158, -37.2357

■ 0.5870, -0.2894,
-0.5148

■ 159.3440,
-15.4526, -37.1357

■ 0.0000, 0.0000,
0.0000


■ 186.8170,
-16.1788, -37.5505


■ 214.9910,
-16.7576, -38.5801


■ 232.8980,


-12.2747, -29.7285


 244.8750, -3.8824,
-14.7994


 52.6680, -10.1893,
-45.3128


 52.6680, -10.1893,
-45.3128


 52.2550, -10.4787,
-45.8276

 55.6300, -9.1846,
-40.8945

 58.8910, -8.3273,
-35.8614

 61.8530, -7.3225,
-31.4431

 64.9290, -5.8810,
-27.1247

 67.8910, -4.8763,
-22.7064

■ 71.1520, -4.0189,
-17.6733

■ 74.1140, -3.0142,
-13.2550

■ 77.0760, -2.0095,
-8.8367

■ 80.3370, -1.1521,
-3.8035

Harmonies

Analogous

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



62.9540, -30.5433, -3.4677



52.6680, -10.1893, -45.3128



57.8920, 3.5042, -50.7713

Triad

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



52.6680, -10.1893, -45.3128



60.1160, 37.4108, -52.7217



67.1700, -10.9298, 52.4709

Complementary

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



52.6680, -10.1893, -45.3128



31.3320, 10.1893, 45.3128

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.



68.1710, 4.3527, 50.7160



52.6680, -10.1893, -45.3128



70.6270, 29.2709, -8.4429

Square

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



52.6680, -10.1893, -45.3128



62.9710, 30.5803, -55.2256



72.7690, 17.3689, 29.1436



68.0810, -26.1689, 40.2710

Rectangle

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



52.6680, -10.1893, -45.3128



60.5140, 13.5506, -53.0708



72.7690, 17.3689, 29.1436



67.1470, -5.9885, 54.2451

Sweetspot

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



52.6680, -10.1893, -45.3128



95.1520, -4.0189, -17.6733



64.6820, -31.3952, -10.2451



46.6520, -2.2934, -11.0958



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



52.6680, -10.1893, -45.3128



67.3690, -13.4929, -59.0826



57.2280, 7.2826, -49.3120



39.4620, -0.7208, -2.1592



66.1950, -12.9141, -58.0530



146.2160, -28.7005, -128.2314

Inverse Universe

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



31.3320, 10.1893, 45.3128



39.6310, 13.4929, 59.0826



26.7720, -7.2826, 49.3120



38.4240, 0.2840, 2.2592



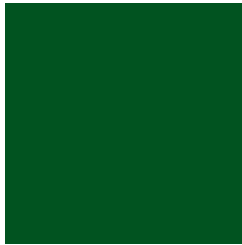
38.8050, 12.9141, 58.0530



85.7840, 28.7005, 128.2314

Previews

White Background



This preview shows how the YUV color 52.6680, -10.1893, -45.3128 looks on a white background.

Color Contrast Check

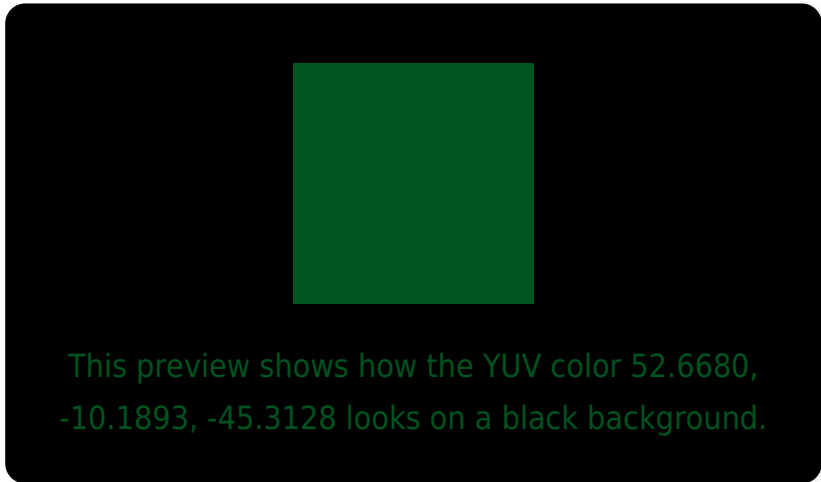
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.6680, -10.1893, -45.3128

Background



This preview shows how black text looks on a background with the YUV color 52.6680, -10.1893, -45.3128.



This preview shows how white text looks on a background with the YUV color 52.6680, -10.1893,

-45.3128.

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

52.6680, -10.1893, -45.3128

Protanopia

68.6040, -19.5248, 9.1173

Deuteranopia

70.3320, -16.9257, 15.4948



Tritanopia

65.2290, 9.2541, -28.2648

Trichromacy



Original Color

52.6680, -10.1893, -45.3128

Protanomaly

62.6940, -16.1181, -10.2556

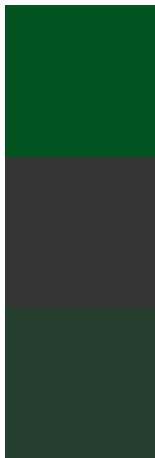
Deuteranomaly

63.5850, -14.0924, -6.6520

Tritanomaly

60.6490, 2.1450, -34.7722

Monochromacy



Original Color

52.6680, -10.1893, -45.3128

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.8640, -3.8770, -16.5437

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.6680, -10.1893, -45.3128 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(1, 83, 32)` looks like.

```
.text, #text, p{  
    color:rgb(1, 83, 32)  
}
```

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(1, 83, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 83, 32) }
```

Border

The CSS property to change the border of an element to YUV 52.6680, -10.1893, -45.3128 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(1, 83, 32) }
```


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

```
.border{ border-color:rgb(1, 83, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 83, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 83, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 83, 32); box-shadow:4px  
4px 4px 4px rgb(1, 83, 32) }
```

Background

The CSS property to change the background color of an element to YUV 52.6680, -10.1893, -45.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 83, 32) }
```

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

```
.background{ background-color: rgb(1, 83,  
32) }
```

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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