

Converting Colors

YUV(52.3470, 10.1819,
-45.9083)

Have a look what the booklet for
YUV(52.3470, 10.1819, -45.9083)
contains.

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Color

**YUV(52.3470, 10.1819,
-45.9083)**

Conversions

Conversions Part 1

Format	Color
Hex	004B49
RGB	0, 75, 73
RGB Percent	0%, 29%, 29%
CMY	1.0000, 0.7059, 0.7137
CMYK	1.00, 0.00, 0.03, 0.71
HSL	178°, 100%, 15%
HSV	178°, 100%, 29%
XYZ	3.7187, 5.5132, 7.1715
YIQ	52.3470, -44.0580, -16.5220

Conversions

Conversions Part 2

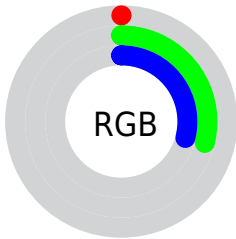
Format	Color
RYB	0, 38, 75
Decimal	19273
CIELab	28.15, -20.56, -4.65
CIELCh	28, 21.078, 192.744
Yxy	5.5132, 0.2267, 0.3361
Android (android.graphics.Color)	4278209353 (0xFF004B49)
YUV	52.3470, 10.1819, -45.9083
Hunter-Lab	23.4802, -12.8204, -1.6726

Details

The YUV color **52.3470, 10.1819, -45.9083** is a dark color, and the websafe version is hex **003333**, and the color name is [deep jungle green](#). A complement of this color would be **22.6530, -10.1819, 45.9083**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.4190, 7.6814, -37.2015**, and **21.5030, 3.6960, -18.8581** is the 20% darker color. If you saturate the color by 10%, you get **52.3470, 10.1819, -45.9083**, and if you desaturate by 10%, it is **54.4400, 9.1501, -41.6049**.

Distribution



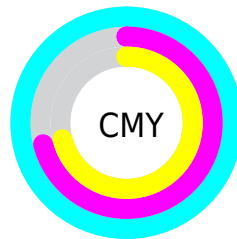
- Red (0%)
- Green (29%)
- Blue (29%)



- Red (0%)
- Yellow (15%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.3470, 10.1819, -45.9083 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 52.3470, 10.1819, -45.9083 by changing the saturation by 10% instead.

■ 52.3470, 10.1819,
-45.9083

■ 52.3470, 10.1819,
-45.9083

■ 255.0000, 0.0000,
0.0000

■ 36.3380, 7.2284,
-31.8684

■ 105.4190, 7.6814,
-37.2015

■ 21.5030, 3.6960,
-18.8581

■ 131.4190, 7.6814,
-37.2015

■ 0.4560, 1.7472,
-0.3999

■ 158.1200, 7.8288,
-37.8162

■ 0.0000, 0.0000,
0.0000

■ 185.7070, 7.5394,
-38.3310

■ 213.7070, 7.5394,
-38.3310

■ 237.9570, 8.4022,

-35.0423

■ 246.3290, 4.2748,
-17.8285

■ 52.3470, 10.1819,
-45.9083

■ 54.4400, 9.1501,
-41.6049

■ 56.8320, 7.9708,
-36.6867

■ 59.3380, 7.2284,
-31.8684

■ 61.4310, 6.1965,
-27.5650

■ 63.8230, 5.0173,
-22.6468

■ 65.9160, 3.9854,
-18.3433

■ 68.3080, 2.8062,
-13.4251

■ 70.5150, 2.2111,
-9.2217

■ 72.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



59.0910, -1.5239, -24.6358



52.3470, 10.1819, -45.9083



53.4700, 17.0233, -46.8932

Triad

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



52.3470, 10.1819, -45.9083



68.5030, 10.5980, 7.4519



65.7990, -15.1839, 16.8393

Complementary

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



52.3470, 10.1819, -45.9083



22.6530, -10.1819, 45.9083

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.



66.9940, -10.8430, 24.5613



52.3470, 10.1819, -45.9083



68.4570, 3.7187, 20.6472

Square

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



52.3470, 10.1819, -45.9083



66.0600, 15.7464, -10.5766



67.8400, -3.8651, 26.4503



64.7220, -15.1459, 4.6288

Rectangle

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



52.3470, 10.1819, -45.9083



55.7850, 19.3330, -41.0304



67.8400, -3.8651, 26.4503



66.1630, -13.8844, 20.0280

Sweetspot

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



52.3470, 10.1819, -45.9083



88.2150, 3.8380, -17.7286



44.6230, -21.9991, -37.3804



42.9170, 2.5059, -10.4512



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



52.3470, 10.1819, -45.9083



67.6550, 12.9881, -59.3334



32.0300, 21.1842, -28.0903



36.8040, 0.5896, -2.4591



71.1600, 13.7251, -62.4073



160.4320, 30.8460, -140.6989

Inverse Universe

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



22.6530, -10.1819, 45.9083



29.3450, -12.9881, 59.3334



42.9700, -21.1842, 28.0903



35.3100, -0.1528, 2.3591



30.8400, -13.7251, 62.4073



69.4540, -31.2828, 140.7988

Previews

White Background



This preview shows how the YUV color 52.3470, 10.1819, -45.9083 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



This preview shows how the YUV color 52.3470, 10.1819, -45.9083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

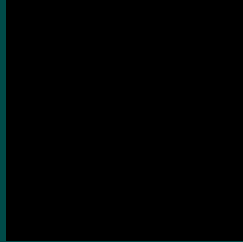
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.3470, 10.1819, -45.9083

Background



This preview shows how black text looks on a background with the YUV color 52.3470, 10.1819, -45.9083.



This preview shows how white text looks on a background with the YUV color 52.3470, 10.1819,

-45.9083.

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

52.3470, 10.1819, -45.9083

Protanopia

66.8260, 0.5788, 1.0296

Deuteranopia

67.3360, 3.7784, 1.4593



Tritanopia

57.0430, 11.3178, -36.8717

Trichromacy



Original Color

52.3470, 10.1819, -45.9083

Protanomaly

61.3400, 4.2694, -16.0842

Deuteranomaly

62.0950, 5.8692, -15.8693

Tritanomaly

55.2060, 10.7444, -39.6457

Monochromacy



Original Color

52.3470, 10.1819, -45.9083

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9270, 3.9800, -16.5990

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.3470, 10.1819, -45.9083 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(0, 75, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 73)  
}
```

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(0, 75, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 73) }
```

Border

The CSS property to change the border of an element to YUV 52.3470, 10.1819, -45.9083 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(0, 75, 73) }
```


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

```
.border{ border-color:rgb(0, 75, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 75, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 73); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 75, 73); box-shadow:4px  
4px 4px 4px rgb(0, 75, 73) }
```

Background

The CSS property to change the background color of an element to YUV 52.3470, 10.1819, -45.9083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 75, 73) }
```

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

```
.background{ background-color: rgb(0, 75,  
73) }
```

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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