

Converting Colors

YUV(52.5750, 11.0555,
-46.1083)

Have a look what the booklet for
YUV(52.5750, 11.0555, -46.1083)
contains.

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Color

**YUV(52.5750, 11.0555,
-46.1083)**

Conversions

Conversions Part 1

Format	Color
Hex	004B4B
RGB	0, 75, 75
RGB Percent	0%, 29%, 29%
CMY	1.0000, 0.7059, 0.7059
CMYK	1.00, 0.00, 0.00, 0.71
HSL	180°, 100%, 15%
HSV	180°, 100%, 29%
XYZ	3.7861, 5.5402, 7.5264
YIQ	52.5750, -44.7000, -15.9000

Conversions

Conversions Part 2

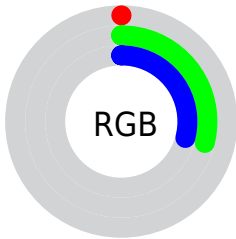
Format	Color
RYB	0, 38, 75
Decimal	19275
CIELab	28.22, -19.85, -5.84
CIELCh	28, 20.689, 196.386
Yxy	5.5402, 0.2247, 0.3287
Android (android.graphics.Color)	4278209355 (0xFF004B4B)
YUV	52.5750, 11.0555, -46.1083
Hunter-Lab	23.5375, -12.4785, -2.4824

Details

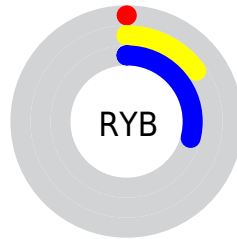
The YUV color **52.5750, 11.0555, -46.1083** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **22.4250, -11.0555, 46.1083**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.7610, 8.9918, -37.5014**, and **21.7310, 4.5696, -19.0581** is the 20% darker color. If you saturate the color by 10%, you get **52.5750, 11.0555, -46.1083**, and if you desaturate by 10%, it is **54.6680, 10.0237, -41.8048**.

Distribution



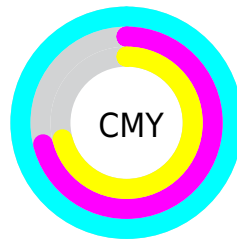
- Red (0%)
- Green (29%)
- Blue (29%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 52.5750, 11.0555, -46.1083 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 52.5750, 11.0555, -46.1083 by changing the saturation by 10% instead.

■ 52.5750, 11.0555,
-46.1083

■ 52.5750, 11.0555,
-46.1083

■ 255.0000, 0.0000,
0.0000

■ 36.4520, 7.6652,
-31.9684

■ 105.7610, 8.9918,
-37.5014

■ 21.7310, 4.5696,
-19.0581

■ 131.6470, 8.5550,
-37.4014

■ 0.7980, 3.0576,
-0.6998

■ 158.6470, 8.5550,
-37.4014

■ 0.0000, 0.0000,
0.0000

■ 186.3480, 8.7024,
-38.0162

■ 214.0490, 8.8498,
-38.6310

■ 237.9570, 8.4022,

-35.0423

■ 246.6280, 4.1274,
-17.2138

■ 52.5750, 11.0555,
-46.1083

■ 54.6680, 10.0237,
-41.8048

■ 57.0600, 8.8444,
-36.8866

■ 59.4520, 7.6652,
-31.9684

■ 61.5450, 6.6333,
-27.6650

■ 63.9370, 5.4541,
-22.7467

■ 66.0300, 4.4222,
-18.4433

■ 68.4220, 3.2430,
-13.5251

■ 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.



59.4220, -0.2080, -26.6801



52.5750, 11.0555, -46.1083



53.5840, 17.4601, -46.9932

Triad

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



52.5750, 11.0555, -46.1083



68.4000, 10.1558, 9.2962



65.9020, -14.7417, 14.9949

Complementary

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



52.5750, 11.0555, -46.1083



22.4250, -11.0555, 46.1083

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.



67.1680, -11.4218, 23.5317



52.5750, 11.0555, -46.1083



68.6420, 3.1345, 21.3620

Square

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



52.5750, 11.0555, -46.1083



66.2560, 15.1568, -8.1175



67.6120, -4.7387, 26.6503



64.2380, -14.4143, 3.2993

Rectangle

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



52.5750, 11.0555, -46.1083



58.1770, 18.1537, -36.1122



67.6120, -4.7387, 26.6503



66.1520, -13.8789, 18.2837

Sweetspot

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



52.5750, 11.0555, -46.1083



88.3290, 4.2748, -17.8285



44.0250, -21.7043, -38.6099



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.



52.5750, 11.0555, -46.1083



67.9970, 14.2985, -59.6334



30.8560, 21.7630, -27.0607



36.8040, 0.5896, -2.4591



71.5020, 15.0355, -62.7073



161.2300, 33.9036, -141.3987

Inverse Universe

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



30.9750, 21.7043, 38.6099



40.0610, 28.0709, 49.9355



44.7310, -22.0524, 26.5459



35.6520, 1.1576, 2.0592



42.1260, 29.5179, 52.5095



94.9900, 66.5599, 118.4038

Previews

White Background



This preview shows how the YUV color 52.5750, 11.0555, -46.1083 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 52.5750, 11.0555, -46.1083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

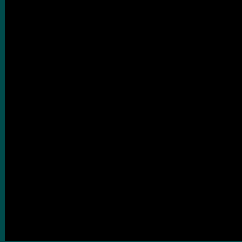
Any Text WCAG AA × Fail

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 52.5750, 11.0555, -46.1083 Background



This preview shows how black text looks on a background with the YUV color 52.5750, 11.0555, -46.1083.

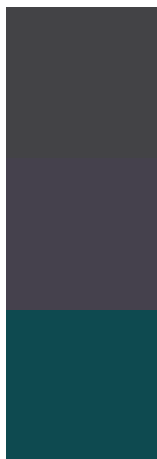


This preview shows how white text looks on a background with the YUV color 52.5750, 11.0555,

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



Protanopia

67.3420, 1.3104, -0.2999

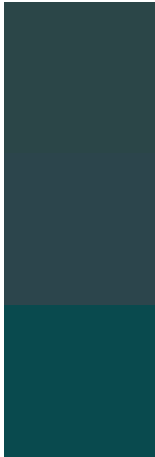
Deuteranopia

67.5640, 4.6519, 1.2594

Tritanopia

56.7440, 11.4652, -37.4865

Trichromacy



Protanomaly

62.1550, 4.8536, -16.7989

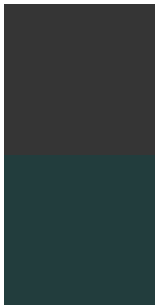
Deuteranomaly

62.3230, 6.7428, -16.0693

Tritanomaly

55.0210, 11.3286, -40.3604

Monochromacy



Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.9270, 3.9800, -16.5990

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.5750, 11.0555, -46.1083 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, 75)` looks like.

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

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, 75) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 52.5750, 11.0555, -46.1083 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, 75) }
```

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

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

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, 75)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to YUV 52.5750, 11.0555, -46.1083 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, 75) }
```

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

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

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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