

Converting Colors

YUV(46.7580, 3.5703, -25.2208)

Have a look what the booklet for
YUV(46.7580, 3.5703, -25.2208)
contains.

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Color

**YUV(46.7580, 3.5703,
-25.2208)**

Conversions

Conversions Part 1

Format	Color
Hex	123C36
RGB	18, 60, 54
RGB Percent	7%, 24%, 21%
CMY	0.9294, 0.7647, 0.7882
CMYK	0.70, 0.00, 0.10, 0.76
HSL	171°, 54%, 15%
HSV	171°, 70%, 24%
XYZ	2.5312, 3.6267, 4.0566
YIQ	46.7580, -23.1060, -10.7700

Conversions

Conversions Part 2

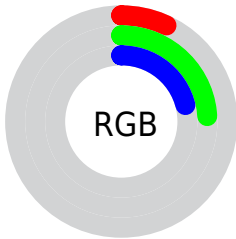
Format	Color
R_{YB}	18, 41, 60
Decimal	1195062
CIE _{Lab}	22.40, -16.19, -0.60
CIE _{LCh}	22, 16.201, 182.112
Yxy	3.6267, 0.2478, 0.3551
Android (android.graphics.Color)	4279385142 (0xFF123C36)
YUV	46.7580, 3.5703, -25.2208
Hunter-Lab	19.0438, -9.6016, 0.7009

Details

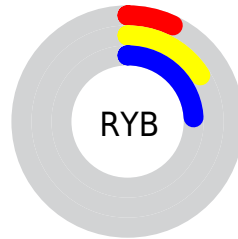
The YUV color **46.7580, 3.5703, -25.2208** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **31.2420, -3.5703, 25.2208**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.6440, 3.1335, -25.1208**, and **10.5320, -0.2623, -9.2366** is the 20% darker color. If you saturate the color by 10%, you get **44.8500, 4.0179, -28.8095**, and if you desaturate by 10%, it is **48.6660, 3.1227, -21.6321**.

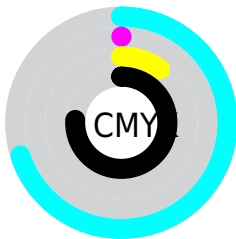
Distribution



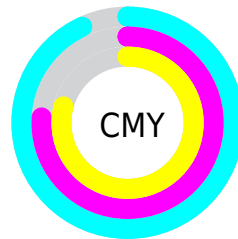
- Red (7%)
- Green (24%)
- Blue (21%)



- Red (7%)
- Yellow (16%)
- Blue (24%)



- Cyan (70%)
- Magenta (0%)
- Yellow (10%)
- Black (76%)



- Cyan (93%)
- Magenta (76%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.7580, 3.5703, -25.2208 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 46.7580, 3.5703, -25.2208 by changing the saturation by 10% instead.

■ 46.7580, 3.5703,
-25.2208

■ 46.7580, 3.5703,
-25.2208

■ 254.7010, 0.1474,
-0.6148

■ 26.0680, 3.4175,
-22.8616

■ 94.6440, 3.1335,
-25.1208

■ 10.5320, -0.2623,
-9.2366

■ 119.6440, 3.1335,
-25.1208

■ 0.0000, 0.0000,
0.0000

■ 145.2310, 2.8441,
-25.6356

■ 172.2310, 2.8441,
-25.6356

■ 199.9320, 2.9915,
-26.2504

■ 227.6330, 3.1389,

-26.8651

■ 246.0300, 4.4222,
-18.4433

■ 46.7580, 3.5703,
-25.2208

■ 46.7580, 3.5703,
-25.2208

■ 44.8500, 4.0179,
-28.8095

■ 48.6660, 3.1227,
-21.6321

■ 42.9420, 4.4656,
-32.3981

■ 50.5740, 2.6750,
-18.0434

■ 41.0340, 4.9132,
-35.9868

■ 52.4820, 2.2274,
-14.4547

■ 54.2760, 1.3429,
-10.7661

■ 56.1840, 0.8953,
-7.1774

■ 58.0920, 0.4476,
-3.5887

■ 60.0000, 0.0000,
0.0000

■ 61.9080, -0.4476,
3.5887

■ 63.8160, -0.8953,
7.1774

Harmonies

Analogous

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



49.5870, -3.7404, -13.6698



46.7580, 3.5703, -25.2208



44.8370, 10.4334, -33.1830

Triad

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



46.7580, 3.5703, -25.2208



54.5300, 9.5987, 1.2892



53.7540, -10.2317, 15.1247

Complementary

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



46.7580, 3.5703, -25.2208



31.2420, -3.5703, 25.2208

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.



53.8130, -6.3168, 19.4580



46.7580, 3.5703, -25.2208



55.0430, 4.9088, 12.2403

Square

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



46.7580, 3.5703, -25.2208



51.8380, 12.4049, -12.1359



54.5940, -0.7858, 18.7731



52.6560, -11.6624, 7.3177

Rectangle

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



46.7580, 3.5703, -25.2208



46.4290, 12.6065, -30.1942



54.5940, -0.7858, 18.7731



53.9930, -9.3635, 16.6691

Sweetspot

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



46.7580, 3.5703, -25.2208



73.6890, 1.6323, -10.2513



44.4480, -13.0389, -17.9329



37.7820, 0.6005, -5.9478



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.



46.7580, 3.5703, -25.2208



58.2400, 5.7977, -39.6755



38.6370, 10.5320, -18.0986



29.9890, 0.0054, -1.7444



64.4120, 8.1779, -56.4893



151.9740, 18.7468, -133.2812

Inverse Universe

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



31.2420, -3.5703, 25.2208



33.7600, -5.7977, 39.6755



39.3630, -10.5320, 18.0986



28.8970, -0.4422, 1.8443



29.5880, -8.1779, 56.4893



70.0260, -18.7468, 133.2812

Previews

White Background



This preview shows how the YUV color 46.7580, 3.5703, -25.2208 looks on a white background.

Color Contrast Check

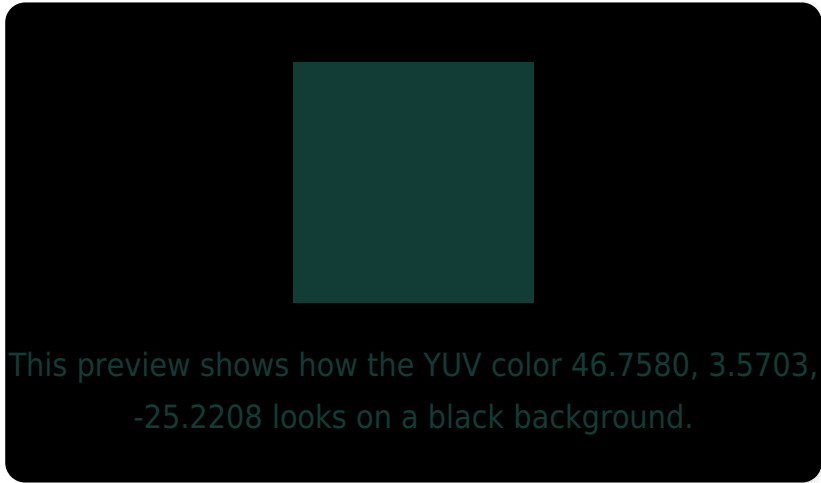
Large Text (above 18pt) WCAG AA ✓ Pass

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

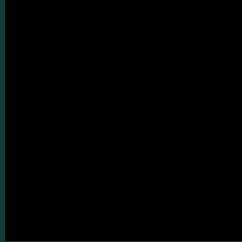
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.7580, 3.5703, -25.2208

Background



This preview shows how black text looks on a background with the YUV color 46.7580, 3.5703, -25.2208.



This preview shows how white text looks on a background with the YUV color 46.7580, 3.5703, -25.2208.

-25.2208.

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

46.7580, 3.5703, -25.2208

Protanopia

53.2560, -1.6052, 1.5295

Deuteranopia

54.2500, 0.8628, 3.2887



Tritanopia

48.6920, 7.0538, -22.5319

Trichromacy



Original Color

46.7580, 3.5703, -25.2208

Protanomaly

51.2440, -0.1203, -8.1070

Deuteranomaly

51.4120, 1.7689, -7.3773

Tritanomaly

47.7520, 6.0383, -23.4615

Monochromacy



Original Color

46.7580, 3.5703, -25.2208

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.9880, 1.4849, -9.6365

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.7580, 3.5703, -25.2208 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(18, 60, 54)` looks like.

```
.text, #text, p{  
    color:rgb(18, 60, 54)  
}
```

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(18, 60, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 60, 54) }
```

Border

The CSS property to change the border of an element to YUV 46.7580, 3.5703, -25.2208 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(18, 60, 54) }
```


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

```
.border{ border-color:rgb(18, 60, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 60, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 60, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 60, 54);  
box-shadow:4px 4px 4px 4px rgb(18, 60, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.7580, 3.5703, -25.2208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 60, 54) }
```

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

```
.background{ background-color: rgb(18, 60,  
54) }
```

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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