

Converting Colors

YUV(56.7660, -1.8566, -11.1958)

Have a look what the booklet for
YUV(56.7660, -1.8566, -11.1958)
contains.

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Color

**YUV(56.7660, -1.8566,
-11.1958)**

Conversions

Conversions Part 1

Format	Color
Hex	2C4035
RGB	44, 64, 53
RGB Percent	17%, 25%, 21%
CMY	0.8275, 0.7490, 0.7922
CMYK	0.31, 0.00, 0.17, 0.75
HSL	147°, 19%, 21%
HSV	147°, 31%, 25%
XYZ	3.5147, 4.4593, 4.0436
YIQ	56.7660, -8.3890, -7.6610

Conversions

Conversions Part 2

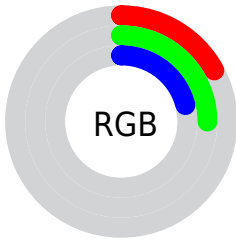
Format	Color
RYB	44, 58, 64
Decimal	2900021
CIELab	25.14, -10.73, 4.20
CIELCh	25, 11.519, 158.639
Yxy	4.4593, 0.2925, 0.3711
Android (android.graphics.Color)	4281090101 (0xFF2C4035)
YUV	56.7660, -1.8566, -11.1958
Hunter-Lab	21.1171, -7.2455, 3.4287

Details

The YUV color **56.7660, -1.8566, -11.1958** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **51.2340, 1.8566, 11.1958**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.0540, -1.9986, -12.3254**, and **13.8260, -2.8722, -12.1254** is the 20% darker color. If you saturate the color by 10%, you get **54.5160, -2.7194, -14.4845**, and if you desaturate by 10%, it is **59.0160, -0.9939, -7.9070**.

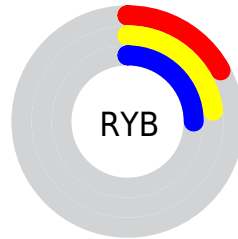
Distribution



Red (17%)

Green (25%)

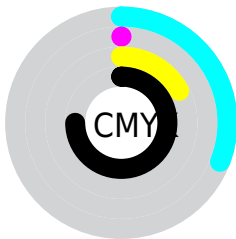
Blue (21%)



Red (17%)

Yellow (23%)

Blue (25%)

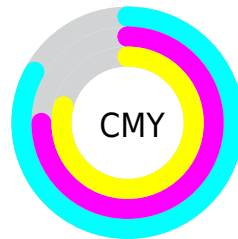


Cyan (31%)

Magenta (0%)

Yellow (17%)

Black (75%)



Cyan (83%)

Magenta (75%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.7660, -1.8566, -11.1958 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 56.7660, -1.8566, -11.1958 by changing the saturation by 10% instead.

■ 56.7660, -1.8566,
-11.1958

■ 56.7660, -1.8566,
-11.1958

■ 255.0000, 0.0000,
0.0000

■ 35.1790, -1.5672,
-10.6810

■ 104.0540, -1.9986,
-12.3254

■ 13.8260, -2.8722,
-12.1254

■ 128.9400, -2.4354,
-12.2254

■ 0.0000, 0.0000,
0.0000

■ 155.5270, -2.7248,
-12.7402

■ 182.2280, -2.5774,
-13.3550

■ 209.2280, -2.5774,
-13.3550

■ 237.9290, -2.4300,

-13.9697

253.8040, 0.5896,
-2.4591

■ 56.7660, -1.8566,
-11.1958

■ 56.7660, -1.8566,
-11.1958

■ 54.5160, -2.7194,
-14.4845

■ 59.0160, -0.9939,
-7.9070

■ 52.0810, -2.9979,
-18.4880

■ 61.4510, -0.7153,
-3.9035

■ 49.8310, -3.8607,
-21.7768

■ 63.7010, 0.1474,
-0.6148

■ 47.3960, -4.1392,
-25.7803

■ 66.1360, 0.4260,
3.3887

■ 45.1460, -5.0020,
-29.0690

■ 68.3860, 1.2887,
6.6775

■ 43.0100, -5.4279,
-32.4578

■ 70.5220, 1.7147,
10.0662

■ 40.8740, -5.8539,
-35.8465

■ 73.0710, 2.4300,
13.9697

■ 75.2070, 2.8559,
17.3585

■ 77.7560, 3.5713,
21.2620

Harmonies

Analogous

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



57.7840, -5.8095, -3.3186



56.7660, -1.8566, -11.1958



55.9870, 2.9644, -17.5286

Triad

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



56.7660, -1.8566, -11.1958



59.8450, 8.4574, -6.0031



60.0080, -5.4269, 14.0250

Complementary

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



56.7660, -1.8566, -11.1958



51.2340, 1.8566, 11.1958

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.



60.6320, -1.7906, 14.3547



56.7660, -1.8566, -11.1958



60.9170, 5.9569, 2.7038

Square

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



56.7660, -1.8566, -11.1958



57.3170, 9.2107, -14.3100



61.0490, 2.4408, 10.4810



60.0030, -7.8895, 10.5214

Rectangle

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



56.7660, -1.8566, -11.1958



55.4860, 6.1694, -18.8432



61.0490, 2.4408, 10.4810



60.6490, -4.2640, 14.3398

Sweetspot

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



56.7660, -1.8566, -11.1958



81.4510, -0.7153, -3.9035



59.0290, -7.4093, -3.5334



41.5760, -0.2840, -2.2592



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



56.7660, -1.8566, -11.1958



72.4940, -2.7085, -17.9732



57.9060, 2.5113, -12.1956



31.8750, -0.4314, -1.6444



61.9550, -8.8518, -54.3345



143.0020, -20.7070, -125.4128

Inverse Universe

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



51.2340, 1.8566, 11.1958



63.6200, 3.1453, 17.8733



50.0940, -2.5113, 12.1956



31.1250, 0.4314, 1.6444



35.0450, 8.8518, 54.3345



80.9980, 20.7070, 125.4128

Previews

White Background



This preview shows how the YUV color 56.7660, -1.8566, -11.1958 looks on a white background.

Color Contrast Check

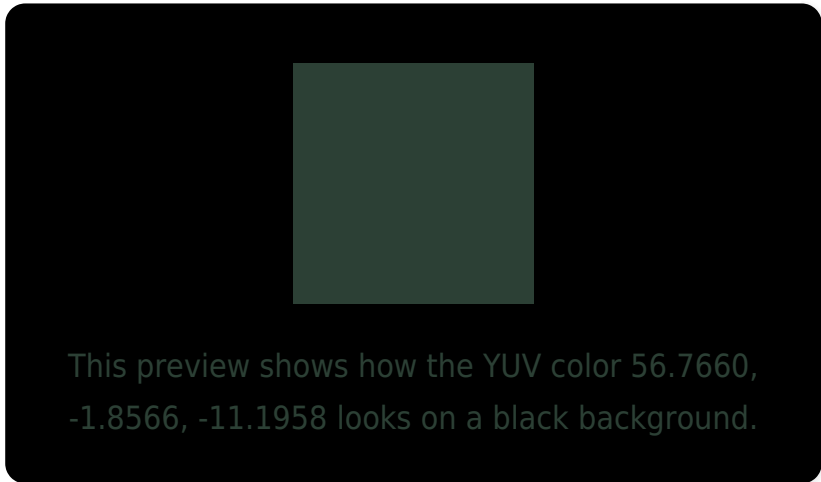
Large Text (above 18pt) WCAG AA ✓ Pass

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

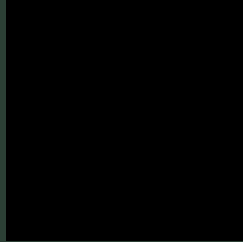
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.7660, -1.8566, -11.1958

Background



This preview shows how black text looks on a background with the YUV color 56.7660, -1.8566, -11.1958.



This preview shows how white text looks on a background with the YUV color 56.7660, -1.8566,

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

56.7660, -1.8566, -11.1958

Protanopia

59.2840, -4.0840, 3.2589

Deuteranopia

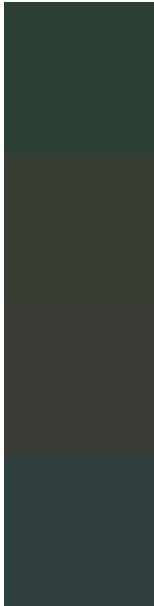
59.6480, -2.7845, 6.4477



Tritanopia

58.0850, 4.3951, -9.7215

Trichromacy



Original Color

56.7660, -1.8566, -11.1958

Protanomaly

58.4790, -3.1941, -2.1741

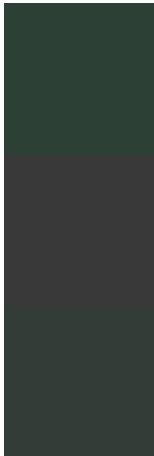
Deuteranomaly

59.0170, -2.4734, -0.0149

Tritanomaly

57.8030, 2.0691, -10.3512

Monochromacy



Original Color

56.7660, -1.8566, -11.1958

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1520, -0.5679, -4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.7660, -1.8566, -11.1958 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(44, 64, 53)` looks like.

```
.text, #text, p{  
    color:rgb(44, 64, 53)  
}
```

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(44, 64, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 64, 53) }
```

Border

The CSS property to change the border of an element to YUV 56.7660, -1.8566, -11.1958 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(44, 64, 53) }
```


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

```
.border{ border-color:rgb(44, 64, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 64, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 64, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 64, 53);  
box-shadow:4px 4px 4px 4px rgb(44, 64, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.7660, -1.8566, -11.1958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 64, 53) }
```

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

```
.background{ background-color: rgb(44, 64,  
53) }
```

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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