

Converting Colors

YUV(76.6180, 2.6533, -11.0660)

Have a look what the booklet for
YUV(76.6180, 2.6533, -11.0660)
contains.

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Color

**YUV(76.6180, 2.6533,
-11.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	405252
RGB	64, 82, 82
RGB Percent	25%, 32%, 32%
CMY	0.7490, 0.6784, 0.6784
CMYK	0.22, 0.00, 0.00, 0.68
HSL	180°, 12%, 29%
HSV	180°, 22%, 32%
XYZ	6.6546, 7.7338, 9.1247
YIQ	76.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

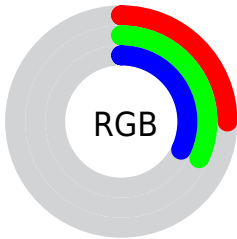
Format	Color
RYB	64, 73, 82
Decimal	4215378
CIELab	33.42, -6.95, -2.31
CIELCh	33, 7.323, 198.397
Yxy	7.7338, 0.2830, 0.3289
Android (android.graphics.Color)	4282405458 (0xFF405252)
YUV	76.6180, 2.6533, -11.0660
Hunter-Lab	27.8097, -5.9532, 0.0130

Details

The YUV color **76.6180, 2.6533, -11.0660** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **69.3820, -2.6533, 11.0660**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.3190, 2.8007, -11.6808**, and **31.9170, 2.5059, -10.4512** is the 20% darker color. If you saturate the color by 10%, you get **74.2260, 3.8326, -15.9842**, and if you desaturate by 10%, it is **79.0100, 1.4741, -6.1478**.

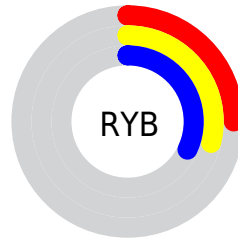
Distribution



Red (25%)

Green (32%)

Blue (32%)



Red (25%)

Yellow (29%)

Blue (32%)

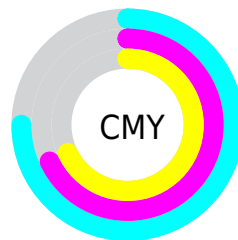


Cyan (22%)

Magenta (0%)

Yellow (0%)

Black (68%)



Cyan (75%)

Magenta (68%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6180, 2.6533, -11.0660 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 76.6180, 2.6533, -11.0660 by changing the saturation by 10% instead.

■ 76.6180, 2.6533,
-11.0660

■ 76.6180, 2.6533,
-11.0660

■ 255.0000, 0.0000,
0.0000

■ 53.9170, 2.5059,
-10.4512

■ 125.3190, 2.8007,
-11.6808

■ 31.9170, 2.5059,
-10.4512

■ 151.3190, 2.8007,
-11.6808

■ 11.9170, 2.5059,
-10.4512

■ 178.0200, 2.9481,
-12.2955

■ 0.0000, 0.0000,
0.0000

■ 205.7210, 3.0955,
-12.9103

■ 233.7210, 3.0955,
-12.9103

■ 252.9070, 1.0318,

-4.3034

■ 76.6180, 2.6533,
-11.0660

■ 76.6180, 2.6533,
-11.0660

■ 74.2260, 3.8326,
-15.9842

■ 79.0100, 1.4741,
-6.1478

■ 71.8340, 5.0118,
-20.9024

■ 81.4020, 0.2948,
-1.2296

■ 69.1430, 6.3385,
-26.4354

■ 84.0930, -1.0318,
4.3034

■ 66.7510, 7.5178,
-31.3536

■ 86.4850, -2.2111,
9.2217

■ 64.3590, 8.6970,
-36.2718

■ 88.8770, -3.3904,
14.1399

■ 61.9670, 9.8763,
-41.1901

■ 91.2690, -4.5696,
19.0581

■ 59.5750, 11.0555,
-46.1083

■ 93.6610, -5.7489,
23.9763

■ 57.4820, 12.0874,
-50.4117

■ 96.3520, -7.0755,
29.5093

■ 98.7440, -8.2548,
34.4275

Harmonies

Analogous

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



76.8310, -0.4097, -8.6218



76.6180, 2.6533, -11.0660



76.9000, 4.9793, -10.4363

Triad

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



76.6180, 2.6533, -11.0660



79.5320, 3.1887, 3.9184



78.5510, -5.6946, 6.5328

Complementary

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



76.6180, 2.6533, -11.0660



69.3820, -2.6533, 11.0660

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.



79.5020, -4.6845, 9.2067



76.6180, 2.6533, -11.0660



79.8700, 0.5571, 8.0070

Square

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



76.6180, 2.6533, -11.0660



78.9550, 4.9522, -1.7145



79.7840, -2.3585, 9.8364



77.7460, -4.8048, 1.0998

Rectangle

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



76.6180, 2.6533, -11.0660



77.4380, 5.7001, -8.2771



79.7840, -2.3585, 9.8364



78.9640, -5.4053, 7.0476

Sweetspot

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



76.6180, 2.6533, -11.0660



104.9070, 1.0318, -4.3034



74.5660, -5.2090, -9.2664



52.5050, 0.7370, -3.0739



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.



76.6180, 2.6533, -11.0660



98.6280, 4.1274, -17.2138



71.3350, 5.2578, -6.4328



39.8040, 0.5896, -2.4591



73.6050, 15.4777, -64.5516



162.6320, 34.1984, -142.6283

Inverse Universe

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



71.4340, 5.2090, 9.2664



90.5640, 8.1029, 14.4144



74.6650, -5.2578, 6.4328



38.6520, 1.1576, 2.0592



43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334

Previews

White Background



This preview shows how the YUV color 76.6180, 2.6533, -11.0660 looks on a white background.

Color Contrast Check

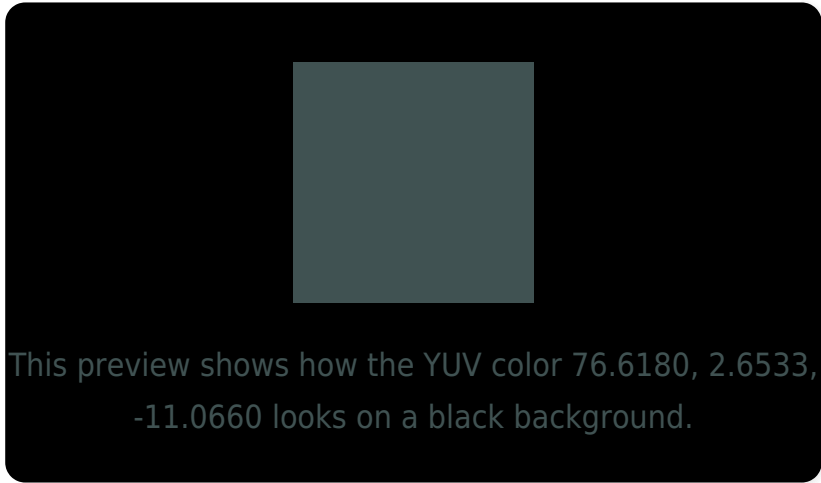
Large Text (above 18pt) WCAG AA ✓ Pass

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

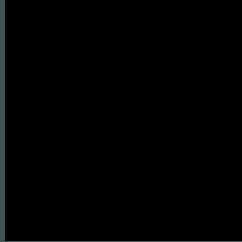
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.6180, 2.6533, -11.0660

Background



This preview shows how black text looks on a background with the YUV color 76.6180, 2.6533, -11.0660.



This preview shows how white text looks on a background with the YUV color 76.6180, 2.6533, -11.0660.

-11.0660.

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

76.6180, 2.6533, -11.0660

Protanopia

78.5270, 0.7262, 0.4148

Deuteranopia

79.1900, 1.8783, 4.2184



Tritanopia

77.0140, 5.4161, -10.5363

Trichromacy



Original Color

76.6180, 2.6533, -11.0660

Protanomaly

77.7330, 1.6106, -3.2738

Deuteranomaly

78.2710, 2.3314, -1.1147

Tritanomaly

76.7860, 4.5425, -10.3363

Monochromacy



Original Color

76.6180, 2.6533, -11.0660

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9070, 1.0318, -4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6180, 2.6533, -11.0660 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(64, 82, 82)` looks like.

```
.text, #text, p{  
    color:rgb(64, 82, 82)  
}
```

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(64, 82, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 82, 82) }
```

Border

The CSS property to change the border of an element to YUV 76.6180, 2.6533, -11.0660 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(64, 82, 82) }
```


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

```
.border{ border-color:rgb(64, 82, 82) }
```

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

Here you see how a box with a 4 pixel rgb(64, 82, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 82, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 82, 82);  
box-shadow:4px 4px 4px 4px rgb(64, 82, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.6180, 2.6533, -11.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 82, 82) }
```

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

```
.background{ background-color: rgb(64, 82,  
82) }
```

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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