

Converting Colors

YUV(49.6180, 2.6533, -11.0660)

Have a look what the booklet for
YUV(49.6180, 2.6533, -11.0660)
contains.

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Color

**YUV(49.6180, 2.6533,
-11.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	253737
RGB	37, 55, 55
RGB Percent	15%, 22%, 22%
CMY	0.8549, 0.7843, 0.7843
CMYK	0.33, 0.00, 0.00, 0.78
HSL	180°, 20%, 18%
HSV	180°, 33%, 22%
XYZ	2.8187, 3.4015, 4.1224
YIQ	49.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

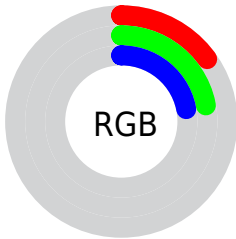
Format	Color
R_{YB}	37, 46, 55
Decimal	2438967
CIE Lab	21.59, -7.24, -2.36
CIE LCh	22, 7.613, 198.024
Yxy	3.4015, 0.2725, 0.3289
Android (android.graphics.Color)	4280629047 (0xFF253737)
YUV	49.6180, 2.6533, -11.0660
Hunter-Lab	18.4432, -4.9950, -0.3422

Details

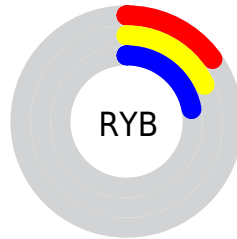
The YUV color **49.6180, 2.6533, -11.0660** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42.3820, -2.6533, 11.0660**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.3190, 2.8007, -11.6808**, and **7.7110, 1.6215, -6.7625** is the 20% darker color. If you saturate the color by 10%, you get **48.1230, 3.3904, -14.1399**, and if you desaturate by 10%, it is **51.4120, 1.7689, -7.3773**.

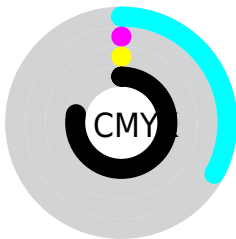
Distribution



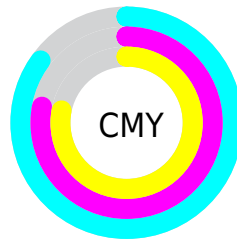
- Red (15%)
- Green (22%)
- Blue (22%)



- Red (15%)
- Yellow (18%)
- Blue (22%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (78%)



- Cyan (85%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6180, 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 49.6180, 2.6533, -11.0660 by changing the saturation by 10% instead.

■ 49.6180, 2.6533,
-11.0660

■ 49.6180, 2.6533,
-11.0660

■ 255.0000, 0.0000,
0.0000

■ 28.6180, 2.6533,
-11.0660

■ 96.3190, 2.8007,
-11.6808

■ 7.7110, 1.6215,
-6.7625

■ 121.0200, 2.9481,
-12.2955

■ 0.0000, 0.0000,
0.0000

■ 146.7210, 3.0955,
-12.9103

■ 173.6070, 2.6587,
-12.8103

■ 200.7210, 3.0955,
-12.9103

■ 228.4220, 3.2430,

-13.5251

251.1130, 1.9163,
-7.9921

49.6180, 2.6533,
-11.0660

49.6180, 2.6533,
-11.0660

48.1230, 3.3904,
-14.1399

51.4120, 1.7689,
-7.3773

46.3290, 4.2748,
-17.8285

52.9070, 1.0318,
-4.3034

44.5350, 5.1592,
-21.5172

54.7010, 0.1474,
-0.6148

43.0400, 5.8963,
-24.5911

56.1960, -0.5896,
2.4591

41.5450, 6.6333,
-27.6650

57.9900, -1.4741,
6.1478

■ 39.7510, 7.5178,
-31.3536

■ 59.4850, -2.2111,
9.2217

■ 38.5550, 8.1074,
-33.8127

■ 61.2790, -3.0955,
12.9103

■ 62.7740, -3.8326,
15.9842

■ 64.5680, -4.7170,
19.6729

Harmonies

Analogous

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



49.8310, -0.4097, -8.6218



49.6180, 2.6533, -11.0660



49.9000, 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.



49.6180, 2.6533, -11.0660



52.5320, 3.1887, 3.9184



51.9530, -5.3998, 5.3032

Complementary

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



49.6180, 2.6533, -11.0660



42.3820, -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.



52.3170, -4.1003, 8.4920



49.6180, 2.6533, -11.0660



52.8700, 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.



49.6180, 2.6533, -11.0660



51.9550, 4.9522, -1.7145



52.8980, -1.9217, 9.7365



51.0450, -4.9522, 1.7145

Rectangle

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



49.6180, 2.6533, -11.0660



50.4380, 5.7001, -8.2771



52.8980, -1.9217, 9.7365



51.9640, -5.4053, 7.0476

Sweetspot

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



49.6180, 2.6533, -11.0660



68.9070, 1.0318, -4.3034



47.5660, -5.2090, -9.2664



34.5050, 0.7370, -3.0739



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



49.6180, 2.6533, -11.0660



62.9270, 3.9800, -16.5990



44.3350, 5.2578, -6.4328



27.1030, 0.4422, -1.8443



64.4920, 13.5614, -56.5595



153.5190, 32.2821, -134.6362

Inverse Universe

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



44.4340, 5.2090, 9.2664



55.1510, 7.8136, 13.8996



47.6650, -5.2578, 6.4328



26.2390, 0.8682, 1.5444



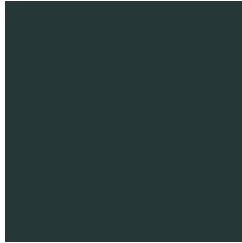
37.9960, 26.6240, 47.3615



90.4470, 63.3766, 112.7410

Previews

White Background



This preview shows how the YUV color 49.6180, 2.6533, -11.0660 looks on a white background.

Color Contrast Check

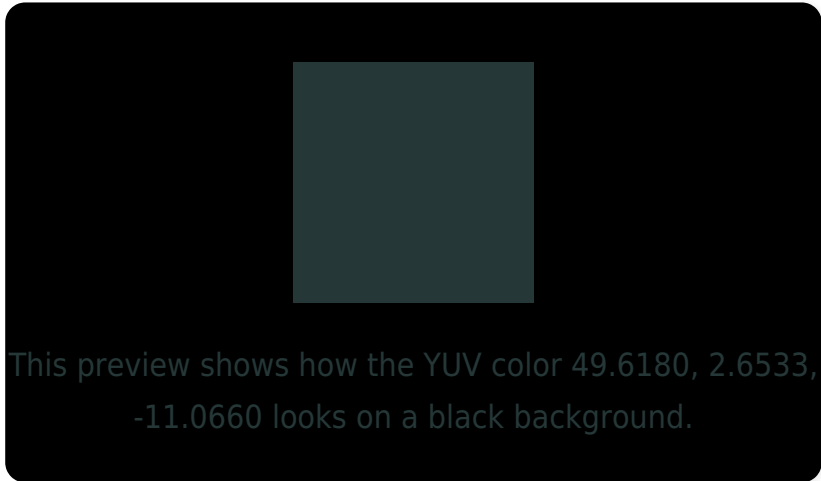
Large Text (above 18pt) WCAG AA ✓ Pass

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

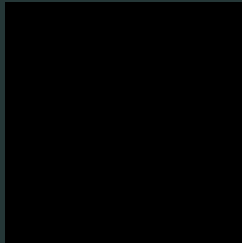
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

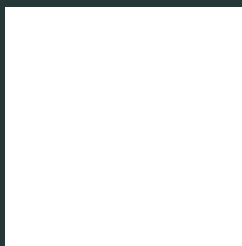
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 49.6180, 2.6533, -11.0660

Background



This preview shows how black text looks on a background with the YUV color 49.6180, 2.6533, -11.0660.



This preview shows how white text looks on a background with the YUV color 49.6180, 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

49.6180, 2.6533, -11.0660

Protanopia

51.5270, 0.7262, 0.4148

Deuteranopia

52.1790, 1.8838, 2.4740



Tritanopia

49.7860, 4.5425, -10.3363

Trichromacy



Original Color

49.6180, 2.6533, -11.0660

Protanomaly

50.7330, 1.6106, -3.2738

Deuteranomaly

51.2600, 2.3368, -2.8590

Tritanomaly

49.6720, 4.1057, -10.2363

Monochromacy



Original Color

49.6180, 2.6533, -11.0660

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.9070, 1.0318, -4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6180, 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(37, 55, 55)` looks like.

```
.text, #text, p{  
    color:rgb(37, 55, 55)  
}
```

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(37, 55, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 55, 55) }
```

Border

The CSS property to change the border of an element to YUV 49.6180, 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(37, 55, 55) }
```


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

```
.border{ border-color:rgb(37, 55, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 55, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 55, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 55, 55);  
box-shadow:4px 4px 4px 4px rgb(37, 55, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.6180, 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(37, 55, 55) }
```

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

```
.background{ background-color: rgb(37, 55,  
55) }
```

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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