

Converting Colors

YUV(61.0890, -11.8759,
-17.6181)

Have a look what the booklet for
YUV(61.0890, -11.8759, -17.6181)
contains.

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Color

**YUV(61.0890, -11.8759,
-17.6181)**

Conversions

Conversions Part 1

Format	Color
Hex	294C25
RGB	41, 76, 37
RGB Percent	16%, 30%, 15%
CMY	0.8392, 0.7020, 0.8549
CMYK	0.46, 0.00, 0.51, 0.70
HSL	114°, 35%, 22%
HSV	114°, 51%, 30%
XYZ	3.8328, 5.7739, 2.6627
YIQ	61.0890, -8.3410, -19.5490

Conversions

Conversions Part 2

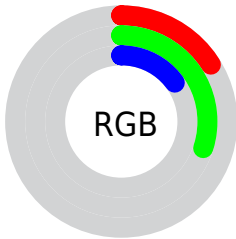
Format	Color
R_{YB}	37, 76, 72
Decimal	2706469
CIE _{Lab}	28.83, -21.79, 19.25
CIE _{LCh}	29, 29.076, 138.546
Yxy	5.7739, 0.3124, 0.4706
Android (android.graphics.Color)	4280896549 (0xFF294C25)
YUV	61.0890, -11.8759, -17.6181
Hunter-Lab	24.0289, -13.5782, 10.2501

Details

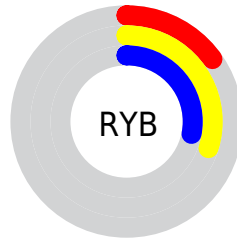
The YUV color **61.0890, -11.8759, -17.6181** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **51.9110, 11.8759, 17.6181**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.4480, -13.0389, -17.9329**, and **18.7840, -9.2605, -16.4736** is the 20% darker color. If you saturate the color by 10%, you get **58.0840, -14.3384, -21.1217**, and if you desaturate by 10%, it is **64.0940, -9.4133, -14.1144**.

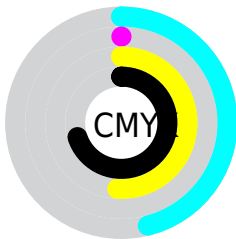
Distribution



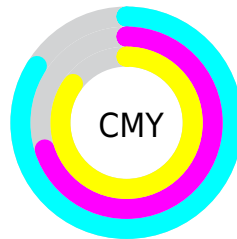
- Red (16%)
- Green (30%)
- Blue (15%)



- Red (15%)
- Yellow (30%)
- Blue (28%)



- Cyan (46%)
- Magenta (0%)
- Yellow (51%)
- Black (70%)



- Cyan (84%)
- Magenta (70%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.0890, -11.8759, -17.6181 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 61.0890, -11.8759, -17.6181 by changing the saturation by 10% instead.

61.0890, -11.8759,
-17.6181

61.0890, -11.8759,
-17.6181

255.0000, 0.0000,
0.0000

38.3170, -11.0023,
-17.8180

109.4480,
-13.0389, -17.9329

18.7840, -9.2605,
-16.4736

134.9210,
-13.7651, -18.3477

0.0000, 0.0000,
0.0000

161.3940,
-14.4912, -18.7625

188.9810,
-14.7806, -19.2773

216.5680,
-15.0700, -19.7921

240.3450,

-13.4811, -16.0886

■ 252.3220, -5.0887,
-1.1594

■ 61.0890, -11.8759,
-17.6181

■ 61.0890, -11.8759,
-17.6181

■ 58.0840, -14.3384,
-21.1217

■ 64.0940, -9.4133,
-14.1144

■ 55.1930, -16.3641,
-24.7253

■ 66.9850, -7.3876,
-10.5108

■ 52.4870, -18.9741,
-27.6141

■ 69.6910, -4.7777,
-7.6220

■ 49.5960, -20.9998,
-31.2177

■ 72.5820, -2.7519,
-4.0184

■ 47.0040, -23.1730,
-34.2065

■ 75.5870, -0.2894,
-0.5148

■ 78.5920, 2.1731,
2.9888

■ 81.4830, 4.1989,
6.5924

■ 84.4880, 6.6614,
10.0960

■ 87.0800, 8.8346,
13.0848

Harmonies

Analogous

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



64.3320, -20.3767, 2.3398



61.0890, -11.8759, -17.6181



52.9850, 2.4724, -46.4678

Triad

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



61.0890, -11.8759, -17.6181



55.6190, 27.7958, -48.7779



67.9230, -6.3710, 36.9015

Complementary

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



61.0890, -11.8759, -17.6181



51.9110, 11.8759, 17.6181

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.



69.0500, 4.4124, 31.5282



61.0890, -11.8759, -17.6181



67.2540, 21.5668, -10.7468

Square

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



61.0890, -11.8759, -17.6181



56.7130, 21.8335, -49.7373



70.0570, 13.7759, 14.8590



67.0720, -15.8115, 31.5089

Rectangle

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



61.0890, -11.8759, -17.6181



54.8090, 9.4612, -48.0675



70.0570, 13.7759, 14.8590



68.1340, -3.0241, 36.7165

Sweetspot

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



61.0890, -11.8759, -17.6181



93.5170, -4.1989, -6.5924



68.6190, -15.5882, 6.4731



47.5820, -2.7519, -4.0184



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



61.0890, -11.8759, -17.6181



75.6010, -18.5373, -27.7141



61.6030, -4.7343, -21.5768



36.6470, -1.3050, -1.4444



62.8640, -30.9920, -46.3617



142.1860, -70.0977, -103.6491

Inverse Universe

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



51.9110, 11.8759, 17.6181



61.3990, 18.5373, 27.7141



51.3970, 4.7343, 21.5768



35.6520, 1.1576, 2.0592



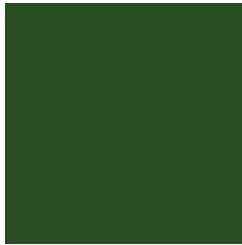
39.1360, 30.9920, 46.3617



87.8140, 70.0977, 103.6491

Previews

White Background



This preview shows how the YUV color 61.0890, -11.8759, -17.6181 looks on a white background.

Color Contrast Check

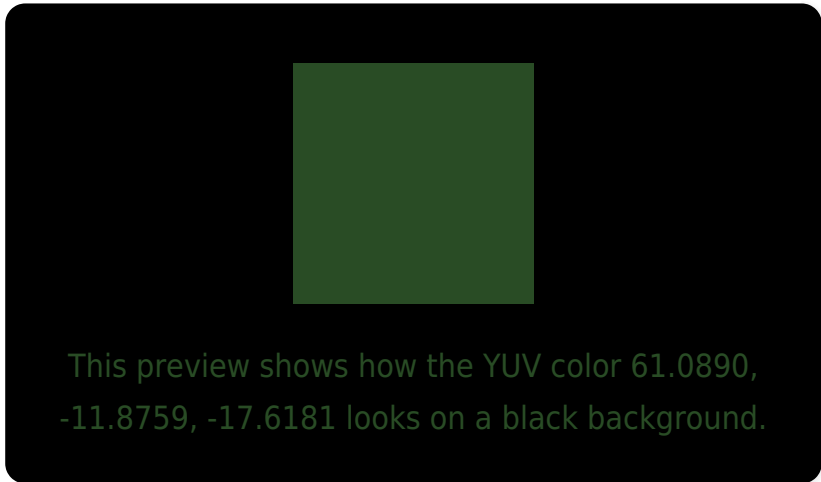
Large Text (above 18pt) WCAG AA ✓ Pass

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

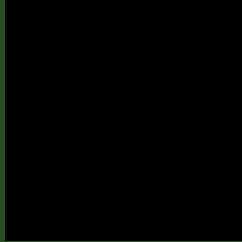
Any Text WCAG AA × Fail

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 61.0890, -11.8759, -17.6181 Background



This preview shows how black text looks on a background with the YUV color 61.0890, -11.8759, -17.6181.



This preview shows how white text looks on a background with the YUV color 61.0890, -11.8759, -17.6181.

-17.6181.

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

61.0890, -11.8759, -17.6181

Protanopia

66.2170, -15.8830, 7.7027

Deuteranopia

67.2330, -13.4259, 12.9507



Tritanopia

65.6930, 5.5744, -14.6398

Trichromacy



Original Color

61.0890, -11.8759, -17.6181

Protanomaly

64.5040, -14.5455, -1.3190

Deuteranomaly

64.9820, -12.8091, 1.7698

Tritanomaly

63.6730, -0.8248, -15.4992

Monochromacy



Original Color

61.0890, -11.8759, -17.6181

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.8160, -4.3463, -5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.0890, -11.8759, -17.6181 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(41, 76, 37)` looks like.

```
.text, #text, p{  
    color:rgb(41, 76, 37)  
}
```

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(41, 76, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 76, 37) }
```

Border

The CSS property to change the border of an element to YUV 61.0890, -11.8759, -17.6181 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(41, 76, 37) }
```


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

```
.border{ border-color:rgb(41, 76, 37) }
```

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

Here you see how a box with a 4 pixel rgb(41, 76, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 76, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 76, 37);  
box-shadow:4px 4px 4px 4px rgb(41, 76, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.0890, -11.8759, -17.6181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 76, 37) }
```

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

```
.background{ background-color: rgb(41, 76,  
37) }
```

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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