

Converting Colors

YUV(61.0600, -17.7776, 8.7174)

Have a look what the booklet for
YUV(61.0600, -17.7776, 8.7174)
contains.

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Color

**YUV(61.0600, -17.7776,
8.7174)**

Conversions

Conversions Part 1

Format	Color
Hex	473F19
RGB	71, 63, 25
RGB Percent	28%, 25%, 10%
CMY	0.7216, 0.7529, 0.9020
CMYK	0.00, 0.11, 0.65, 0.72
HSL	50°, 48%, 19%
HSV	50°, 65%, 28%
XYZ	4.5515, 4.9648, 1.6381
YIQ	61.0600, 16.9660, -10.1220

Conversions

Conversions Part 2

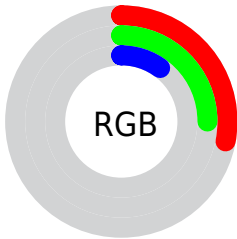
Format	Color
RYB	35, 71, 25
Decimal	4669209
CIELab	26.63, -2.20, 24.13
CIELCh	27, 24.234, 95.206
Yxy	4.9648, 0.4080, 0.4451
Android (android.graphics.Color)	4282859289 (0xFF473F19)
YUV	61.0600, -17.7776, 8.7174
Hunter-Lab	22.2818, -2.5310, 11.2384

Details

The YUV color **61.0600, -17.7776, 8.7174** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **34.9400, 17.7776, -8.7174**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.7290, -19.0934, 10.7617**, and **19.8020, -9.7624, 4.5586** is the 20% darker color. If you saturate the color by 10%, you get **59.6750, -20.5458, 9.9320**, and if you desaturate by 10%, it is **62.4450, -15.0094, 7.5027**.

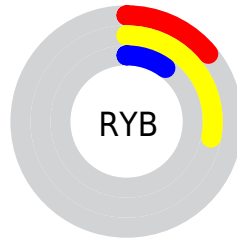
Distribution



Red (28%)

Green (25%)

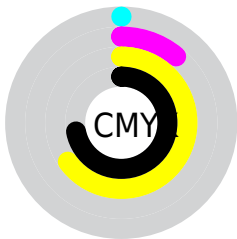
Blue (10%)



Red (14%)

Yellow (28%)

Blue (10%)

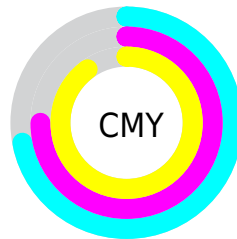


Cyan (0%)

Magenta (11%)

Yellow (65%)

Black (72%)



Cyan (72%)

Magenta (75%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.0600, -17.7776, 8.7174 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 61.0600, -17.7776, 8.7174 by changing the saturation by 10% instead.

61.0600, -17.7776,
8.7174

61.0600, -17.7776,
8.7174

255.0000, 0.0000,
0.0000

38.4190, -18.9406,
8.4025

108.7290,
-19.0934, 10.7617

19.8020, -9.7624,
4.5586

134.5010,
-19.9670, 10.9616

0.0000, 0.0000,
0.0000

160.6860,
-20.5512, 11.6764

187.8710,
-21.1354, 12.3911

215.6430,
-22.0090, 12.5911

242.7460,

-21.5668, 10.7468

■ 251.8080,
-12.2303, 2.7994

■ 61.0600, -17.7776,
8.7174

■ 61.0600, -17.7776,
8.7174

■ 59.6750, -20.5458,
9.9320

■ 62.4450, -15.0094,
7.5027

■ 58.2900, -23.3140,
11.1467

■ 63.8300, -12.2412,
6.2881

■ 56.3180, -25.7928,
12.8761

■ 65.8020, -9.7624,
4.5586

■ 55.8620, -27.5400,
13.2760

■ 67.1870, -6.9942,
3.3440

■ 68.5720, -4.2260,
2.1294

■ 70.0710, -1.0210,
0.8147

■ 72.0430, 1.4578,
-0.9147

■ 73.4280, 4.2260,
-2.1294

■ 74.8130, 6.9942,
-3.3440

Harmonies

Analogous

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



61.8920, -16.2158, 21.1427



61.0600, -17.7776, 8.7174



59.1120, -13.3662, -6.2372

Triad

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



61.0600, -17.7776, 8.7174



51.8400, 15.8549, -45.4637



64.6680, 7.0657, 20.4622

Complementary

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



61.0600, -17.7776, 8.7174



34.9400, 17.7776, -8.7174

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.



64.6920, 13.9558, 3.7781



61.0600, -17.7776, 8.7174



51.4470, 21.9646, -45.1190

Square

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



61.0600, -17.7776, 8.7174



49.7880, 7.9925, -43.6641



60.3300, 19.5573, -19.5834



63.4320, -1.6920, 29.4391

Rectangle

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



61.0600, -17.7776, 8.7174



56.5280, -7.6553, -18.0031



60.3300, 19.5573, -19.5834



64.9170, 9.4079, 15.8588

Sweetspot

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



61.0600, -17.7776, 8.7174



88.1870, -6.9942, 3.3440



39.6660, -3.2863, 27.4799



43.5720, -4.2260, 2.1294



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



61.0600, -17.7776, 8.7174



76.1610, -27.6874, 13.8908



61.2710, -17.8816, -4.6227



34.9570, -1.4578, 0.9147



77.7350, -38.3234, 18.6494



177.6420, -87.5775, 43.2870

Inverse Universe

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



34.9400, 17.7776, -8.7174



35.8390, 27.6874, -13.8908



34.7290, 17.8816, 4.6227



33.0430, 1.4578, -0.9147



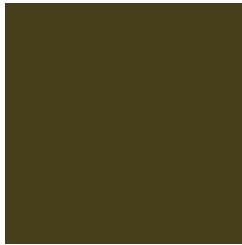
21.2650, 38.3234, -18.6494



48.7710, 87.8669, -42.7722

Previews

White Background



This preview shows how the YUV color 61.0600, -17.7776, 8.7174 looks on a white background.

Color Contrast Check

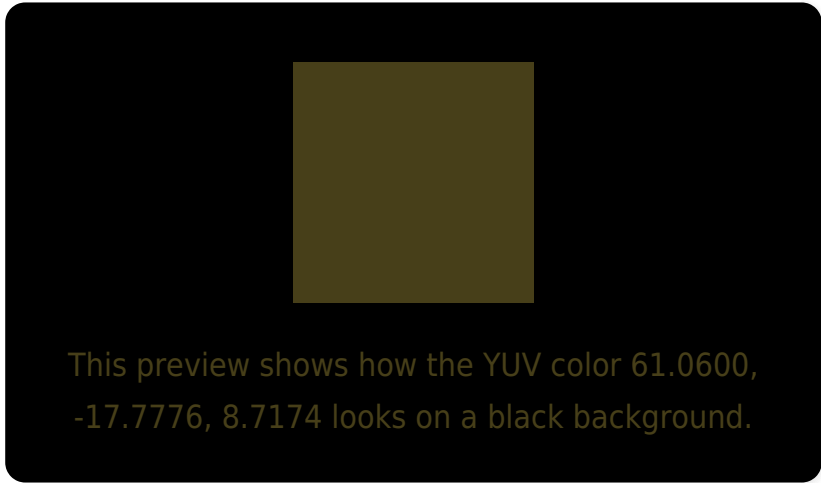
Large Text (above 18pt) WCAG AA ✓ Pass

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

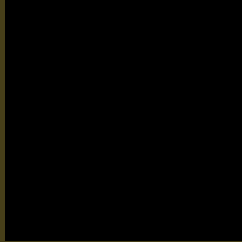
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.0600, -17.7776, 8.7174

Background



This preview shows how black text looks on a background with the YUV color 61.0600, -17.7776, 8.7174.



This preview shows how white text looks on a background with the YUV color 61.0600, -17.7776,

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

61.0600, -17.7776, 8.7174

Protanopia

60.7610, -17.6302, 8.1026

Deuteranopia

61.5060, -17.5045, 14.4652



Tritanopia

64.0550, -0.0271, 8.7218

Trichromacy



Original Color

61.0600, -17.7776, 8.7174

Protanomaly

60.7610, -17.6302, 8.1026

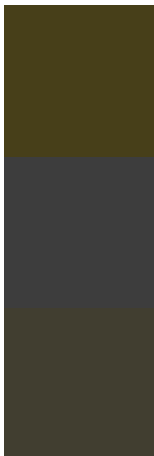
Deuteranomaly

61.1960, -17.3516, 12.1061

Tritanomaly

62.7470, -6.2843, 8.9919

Monochromacy



Original Color

61.0600, -17.7776, 8.7174

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.3010, -6.5574, 3.2440

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.0600, -17.7776, 8.7174 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(71, 63, 25)` looks like.

```
.text, #text, p{  
    color:rgb(71, 63, 25)  
}
```

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(71, 63, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 63, 25) }
```

Border

The CSS property to change the border of an element to YUV 61.0600, -17.7776, 8.7174 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(71, 63, 25) }
```


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

```
.border{ border-color:rgb(71, 63, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 63, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 63, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 63, 25);  
box-shadow:4px 4px 4px 4px rgb(71, 63, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.0600, -17.7776, 8.7174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 63, 25) }
```

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

```
.background{ background-color: rgb(71, 63,  
25) }
```

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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