

Converting Colors

YUV(61.3500, -7.5675, 0.5701)

Have a look what the booklet for
YUV(61.3500, -7.5675, 0.5701)
contains.

YUV(61.3500, -7.5675, 0.5701)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(61.3500, -7.5675,
0.5701)**

Conversions

Conversions Part 1

Format	Color
Hex	3E402E
RGB	62, 64, 46
RGB Percent	24%, 25%, 18%
CMY	0.7569, 0.7490, 0.8196
CMYK	0.03, 0.00, 0.28, 0.75
HSL	67°, 16%, 22%
HSV	67°, 28%, 25%
XYZ	4.3131, 4.8882, 3.3010
YIQ	61.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

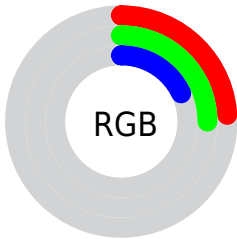
Format	Color
R_YB	46, 64, 48
Decimal	4079662
CIE Lab	26.41, -4.48, 10.76
CIE LCh	26, 11.658, 112.575
Yxy	4.8882, 0.3450, 0.3910
Android (android.graphics.Color)	4282269742 (0xFF3E402E)
YUV	61.3500, -7.5675, 0.5701
Hunter-Lab	22.1092, -3.8688, 6.6243

Details

The YUV color **61.3500, -7.5675, 0.5701** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.6500, 7.5676, -0.5700**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.1220, -8.4411, 0.7700**, and **19.1930, -9.4621, 1.5847** is the 20% darker color. If you saturate the color by 10%, you get **60.3670, -10.0409, 0.5551**, and if you desaturate by 10%, it is **62.3330, -5.0942, 0.5850**.

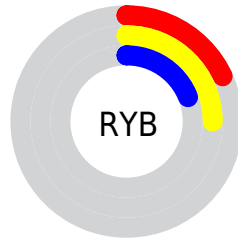
Distribution



Red (24%)

Green (25%)

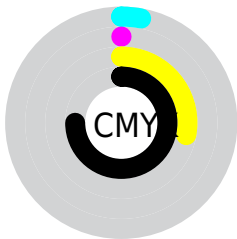
Blue (18%)



Red (18%)

Yellow (25%)

Blue (19%)

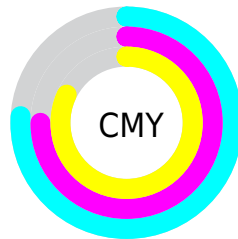


Cyan (3%)

Magenta (0%)

Yellow (28%)

Black (75%)



Cyan (76%)

Magenta (75%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.3500, -7.5675, 0.5701 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 61.3500, -7.5675, 0.5701 by changing the saturation by 10% instead.

■ 61.3500, -7.5675,
0.5701

■ 61.3500, -7.5675,
0.5701

255.0000, 0.0000,
0.0000

■ 39.4640, -7.1308,
0.4701

■ 109.1220, -8.4411,
0.7700

■ 19.1930, -9.4621,
1.5847

■ 134.1220, -8.4411,
0.7700

■ 0.0000, 0.0000,
0.0000

■ 160.0080, -8.8779,
0.8700

■ 187.0080, -8.8779,
0.8700

■ 214.8940, -9.3147,
0.9700

■ 243.7800, -9.7515,

1.0699

254.6580, -1.3104,
0.2999

■ 61.3500, -7.5675,
0.5701

■ 61.3500, -7.5675,
0.5701

■ 60.3670, -10.0409,
0.5551

■ 62.3330, -5.0942,
0.5850

■ 59.5690, -13.0985,
1.2550

■ 63.1310, -2.0366,
-0.1149

■ 58.5860, -15.5719,
1.2401

■ 64.1140, 0.4368,
-0.1000

■ 57.4890, -18.4821,
1.3251

■ 65.2110, 3.3470,
-0.1850

■ 56.5060, -20.9555,
1.3102

■ 66.1940, 5.8204,
-0.1701

■ 55.8220, -23.5762,
1.9101

■ 66.8780, 8.4411,
-0.7700

■ 54.7250, -26.4864,
1.9952

■ 67.9750, 11.3513,
-0.8551

■ 54.6110, -26.9232,
2.0952

■ 68.9580, 13.8247,
-0.8402

■ 69.7560, 16.8823,
-1.5400

Harmonies

Analogous

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



62.1660, -8.4628, 7.7474



61.3500, -7.5675, 0.5701



60.1040, -4.4883, -7.1072

Triad

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



61.3500, -7.5675, 0.5701



59.0670, 8.3480, -17.5988



63.9030, 0.5408, 13.2401

Complementary

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



61.3500, -7.5675, 0.5701



48.6500, 7.5676, -0.5700

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.



63.8960, 4.4883, 7.1072



61.3500, -7.5675, 0.5701



61.3390, 9.1999, -10.8213

Square

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



61.3500, -7.5675, 0.5701



58.2580, 5.2958, -18.6433



63.0520, 7.8624, -1.7996



63.4750, -3.6852, 15.3694

Rectangle

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



61.3500, -7.5675, 0.5701



59.2820, -1.1250, -12.5253



63.0520, 7.8624, -1.7996



64.2340, 1.8566, 11.1958

Sweetspot

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



61.3500, -7.5675, 0.5701



82.9030, -2.9102, 0.0851



52.5560, -3.2321, 10.0364



42.5440, -1.7472, 0.3999



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.



61.3500, -7.5675, 0.5701



79.9110, -11.7881, 0.9551



58.6590, -6.2409, -4.9629



32.6580, -1.3104, 0.2999



82.6530, -40.7479, 2.9353



190.9890, -94.1576, 7.0256

Inverse Universe

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



48.6500, 7.5676, -0.5700



60.0890, 11.7881, -0.9551



51.3410, 6.2409, 4.9629



30.3420, 1.3104, -0.2999



14.3470, 40.7479, -2.9353



33.0110, 94.1576, -7.0256

Previews

White Background



This preview shows how the YUV color 61.3500, -7.5675, 0.5701 looks on a white background.

Color Contrast Check

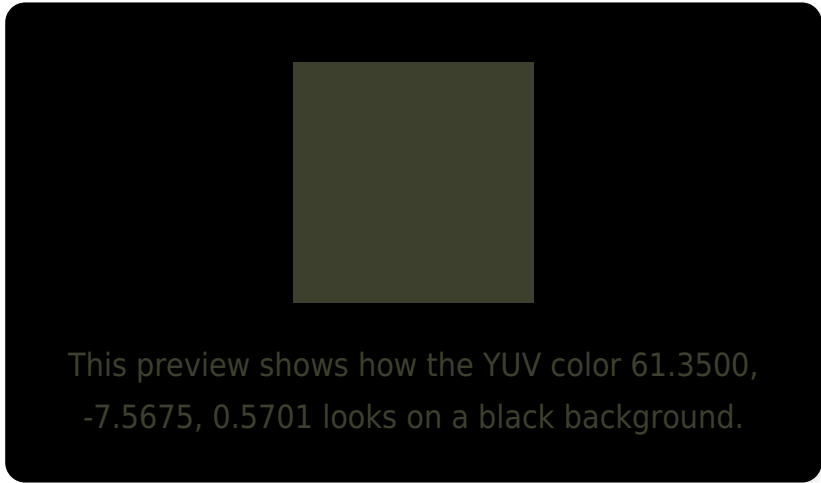
Large Text (above 18pt) WCAG AA ✓ Pass

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

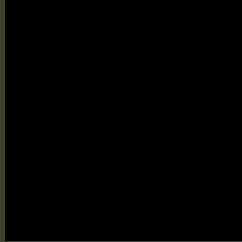
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.3500, -7.5675, 0.5701

Background



This preview shows how black text looks on a background with the YUV color 61.3500, -7.5675, 0.5701.



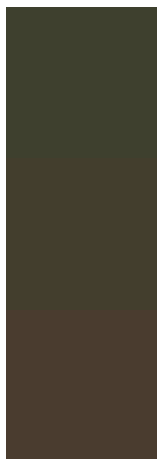
This preview shows how white text looks on a background with the YUV color 61.3500, -7.5675,

0.5701.

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

61.3500, -7.5675, 0.5701

Protanopia

61.5570, -8.1626, 4.7735

Deuteranopia

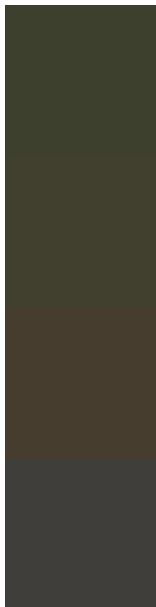
62.7040, -7.7421, 9.9066



Tritanopia

62.7660, 1.5944, 1.9592

Trichromacy



Original Color

61.3500, -7.5675, 0.5701

Protanomaly

61.5460, -8.1572, 3.0292

Deuteranomaly

62.0950, -7.4418, 6.9327

Tritanomaly

62.2560, -1.6052, 1.5295

Monochromacy



Original Color

61.3500, -7.5675, 0.5701

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.0170, -2.4734, -0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.3500, -7.5675, 0.5701 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(62, 64, 46)` looks like.

```
.text, #text, p{  
    color:rgb(62, 64, 46)  
}
```

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(62, 64, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 64, 46) }
```

Border

The CSS property to change the border of an element to YUV 61.3500, -7.5675, 0.5701 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(62, 64, 46) }
```


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

```
.border{ border-color:rgb(62, 64, 46) }
```

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

Here you see how a box with a 4 pixel rgb(62, 64, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 64, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 64, 46);  
box-shadow:4px 4px 4px 4px rgb(62, 64, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.3500, -7.5675, 0.5701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 64, 46) }
```

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

```
.background{ background-color: rgb(62, 64,  
46) }
```

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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