

Converting Colors

YUV(61.4450, -28.8134,
-45.1173)

Have a look what the booklet for
YUV(61.4450, -28.8134, -45.1173)
contains.

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Color

**YUV(61.4450, -28.8134,
-45.1173)**

Conversions

Conversions Part 1

Format	Color
Hex	0A6303
RGB	10, 99, 3
RGB Percent	4%, 39%, 1%
CMY	0.9608, 0.6118, 0.9882
CMYK	0.90, 0.00, 0.97, 0.61
HSL	116°, 94%, 20%
HSV	116°, 97%, 39%
XYZ	4.6035, 8.9948, 1.5797
YIQ	61.4450, -22.2280, -48.7240

Conversions

Conversions Part 2

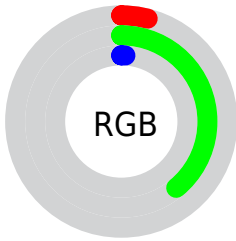
Format	Color
R_{YB}	3, 99, 92
Decimal	680707
CIE _{Lab}	35.97, -41.77, 40.83
CIE _{LCh}	36, 58.412, 135.651
Yxy	8.9948, 0.3033, 0.5926
Android (android.graphics.Color)	4278870787 (0xFF0A6303)
YUV	61.4450, -28.8134, -45.1173
Hunter-Lab	29.9913, -25.0863, 17.8710

Details

The YUV color **61.4450, -28.8134, -45.1173** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **40.5550, 28.8134, 45.1173**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.6740, -29.4193, -37.4251**, and **29.9370, -14.7589, -26.2547** is the 20% darker color. If you saturate the color by 10%, you get **60.2060, -29.6816, -46.6617**, and if you desaturate by 10%, it is **65.2760, -25.7721, -40.5841**.

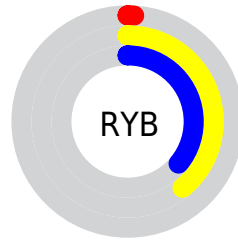
Distribution



Red (4%)

Green (39%)

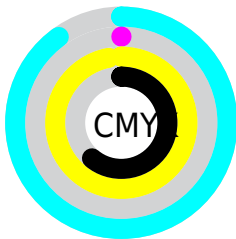
Blue (1%)



Red (1%)

Yellow (39%)

Blue (36%)

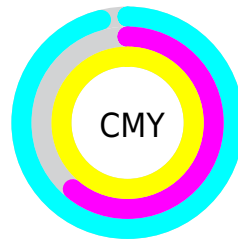


Cyan (90%)

Magenta (0%)

Yellow (97%)

Black (61%)



Cyan (96%)

Magenta (61%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.4450, -28.8134, -45.1173 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 61.4450, -28.8134, -45.1173 by changing the saturation by 10% instead.

■ 61.4450, -28.8134,
-45.1173

■ 61.4450, -28.8134,
-45.1173

■ 253.9740, -3.9312,
0.8998

■ 43.4380, -21.4149,
-38.0951

■ 117.6740,
-29.4193, -37.4251

■ 29.9370, -14.7589,
-26.2547

■ 144.4460,
-30.2929, -37.2251

■ 17.0230, -8.3923,
-14.9292

■ 172.2180,
-31.1665, -37.0252


■ 0.0000, 0.0000,
0.0000

■ 199.9900,
-32.0401, -36.8252


■ 223.7670,
-30.4511, -33.1217


■ 235.5160,


-22.9324, -17.9925


 247.4930,
-14.5400, -3.0634


 61.4450, -28.8134,
-45.1173


 61.4450, -28.8134,
-45.1173


 60.2060, -29.6816,
-46.6617

 65.2760, -25.7721,
-40.5841

 69.1070, -22.7308,
-36.0508

 73.2370, -19.8368,
-30.9028

 77.0680, -16.7955,
-26.3696

 80.8990, -13.7542,
-21.8364

■ 84.6160, -11.1497,
-17.2032

■ 88.4470, -8.1084,
-12.6700

■ 92.2780, -5.0671,
-8.1368

■ 96.4080, -2.1731,
-2.9888

Harmonies

Analogous

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



77.0490, -37.9852, 3.4650



61.4450, -28.8134, -45.1173



67.3010, -3.5994, -59.0230

Triad

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



61.4450, -28.8134, -45.1173



77.0030, 48.8055, -67.5316



69.9040, -3.8967, 83.3992

Complementary

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



61.4450, -28.8134, -45.1173



40.5550, 28.8134, 45.1173

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.



75.7940, 16.3706, 69.4637



61.4450, -28.8134, -45.1173



68.1980, 53.1464, -59.8096

Square

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



61.4450, -28.8134, -45.1173



77.6750, 36.1492, -68.1210



85.9440, 32.0726, 26.3591



76.6220, -29.8866, 66.1065

Rectangle

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



61.4450, -28.8134, -45.1173



72.2370, 10.2362, -63.3518



85.9440, 32.0726, 26.3591



69.3800, 4.2497, 83.8587

Sweetspot

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



61.4450, -28.8134, -45.1173



113.3170, -11.0023, -17.8180



83.3600, -39.6175, 13.7163



55.0990, -6.9508, -10.6108



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



61.4450, -28.8134, -45.1173



77.8270, -38.3687, -60.3613



63.9120, -10.3096, -53.4198



46.3480, -1.1576, -2.0592



68.1360, -33.5910, -52.7393



145.9630, -71.9598, -113.1006

Inverse Universe

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



40.5550, 28.8134, 45.1173



49.8740, 38.5161, 59.7465



38.0880, 10.3096, 53.4198



45.6520, 1.1576, 2.0592



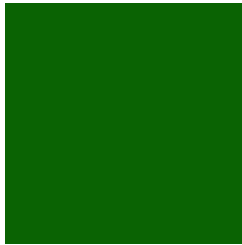
43.8640, 33.5910, 52.7393



93.7380, 72.1072, 112.4858

Previews

White Background



This preview shows how the YUV color 61.4450, -28.8134, -45.1173 looks on a white background.

Color Contrast Check

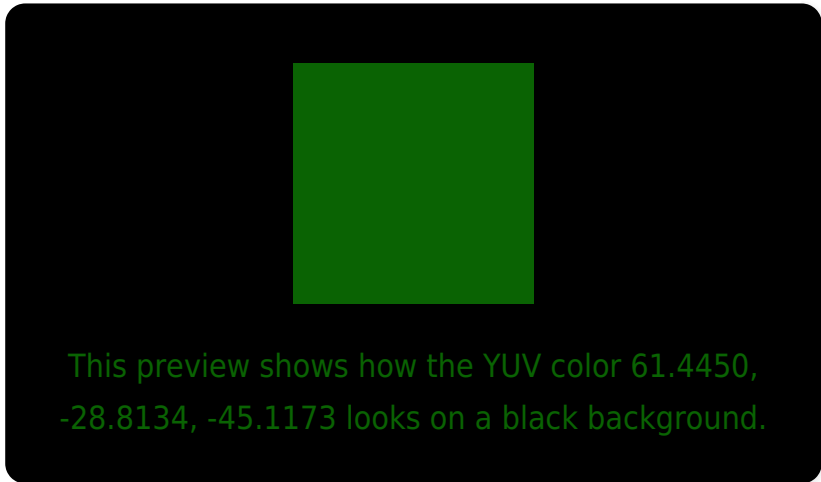
Large Text (above 18pt) WCAG AA ✓ Pass

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

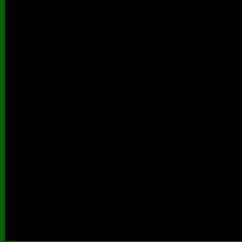
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.4450, -28.8134, -45.1173

Background



This preview shows how black text looks on a background with the YUV color 61.4450, -28.8134, -45.1173.



This preview shows how white text looks on a background with the YUV color 61.4450, -28.8134,

-45.1173.

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

61.4450, -28.8134, -45.1173

Protanopia

78.3000, -38.6019, 14.6459

Deuteranopia

81.1620, -29.1669, 21.7829



Tritanopia

77.8480, 10.4279, -31.4387

Trichromacy



Original Color

61.4450, -28.8134, -45.1173

Protanomaly

72.0800, -35.0424, -7.0862

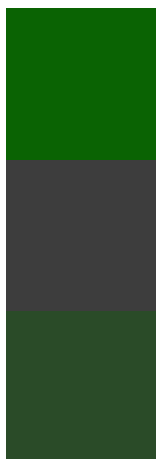
Deuteranomaly

74.0080, -29.0909, -2.6380

Tritanomaly

72.0310, -3.9593, -36.8612

Monochromacy



Original Color

61.4450, -28.8134, -45.1173

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1430, -10.4235, -16.7884

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.4450, -28.8134, -45.1173 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(10, 99, 3)` looks like.

```
.text, #text, p{  
    color:rgb(10, 99, 3)  
}
```

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(10, 99, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 99, 3) }
```

Border

The CSS property to change the border of an element to YUV 61.4450, -28.8134, -45.1173 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(10, 99, 3) }
```


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

```
.border{ border-color:rgb(10, 99, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 99, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 99, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(10, 99, 3); box-shadow:4px  
4px 4px 4px rgb(10, 99, 3) }
```

Background

The CSS property to change the background color of an element to YUV 61.4450, -28.8134, -45.1173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 99, 3) }
```

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

```
.background{ background-color: rgb(10, 99,  
3) }
```

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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