

Converting Colors

YUV(57.0160, -28.1089,
-37.7250)

Have a look what the booklet for
YUV(57.0160, -28.1089, -37.7250)
contains.

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Color

**YUV(57.0160, -28.1089,
-37.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	0E5A00
RGB	14, 90, 0
RGB Percent	5%, 35%, 0%
CMY	0.9451, 0.6471, 1.0000
CMYK	0.84, 0.00, 1.00, 0.65
HSL	111°, 100%, 18%
HSV	111°, 100%, 35%
XYZ	3.8373, 7.4057, 1.2272
YIQ	57.0160, -16.4060, -44.1020

Conversions

Conversions Part 2

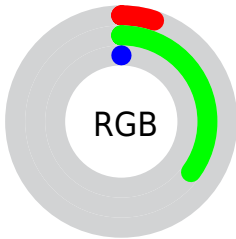
Format	Color
RYB	0, 90, 76
Decimal	940544
CIELab	32.71, -38.44, 39.15
CIELCh	33, 54.867, 134.481
Yxy	7.4057, 0.3077, 0.5939
Android (android.graphics.Color)	4279130624 (0xFF0E5A00)
YUV	57.0160, -28.1089, -37.7250
Hunter-Lab	27.2134, -22.4538, 16.3757

Details

The YUV color **57.0160, -28.1089, -37.7250** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **32.9840, 28.1089, 37.7250**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.0490, -28.1252, -32.4920**, and **25.2410, -12.4438, -22.1364** is the 20% darker color. If you saturate the color by 10%, you get **57.0160, -28.1089, -37.7250**, and if you desaturate by 10%, it is **60.4340, -25.3570, -33.7066**.

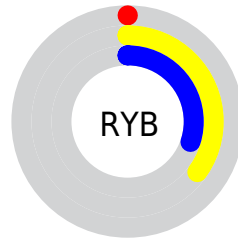
Distribution



Red (5%)

Green (35%)

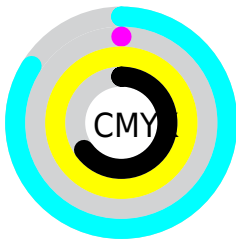
Blue (0%)



Red (0%)

Yellow (35%)

Blue (30%)

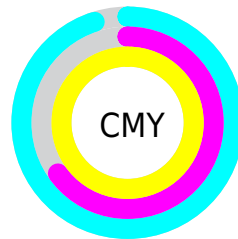


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (95%)


Magenta (65%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 57.0160, -28.1089, -37.7250 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 57.0160, -28.1089, -37.7250 by changing the saturation by 10% instead.


 57.0160, -28.1089,
-37.7250


 57.0160, -28.1089,
-37.7250


 253.4040, -6.1152,
1.3997


 38.7420, -19.0998,
-33.9767


 111.0490,
-28.1252, -32.4920


 25.2410, -12.4438,
-22.1364

 137.8210,
-28.9988, -32.2920

 9.9790, -4.9196,
-8.7516

 164.5930,
-29.8723, -32.0921


 0.0000, 0.0000,
0.0000


 192.0660,
-30.5985, -32.5069

 220.5390,
-31.3247, -32.9217


 234.0490,


-24.6742, -19.3370


 245.9120,
-16.7186, -4.3078


 57.0160, -28.1089,
-37.7250

 60.4340, -25.3570,
-33.7066

 63.5530, -22.4576,
-30.3030

 66.9710, -19.7057,
-26.2846

 70.0900, -16.8064,
-22.8809

 73.5080, -14.0544,
-18.8625

■ 76.9260, -11.3025,
-14.8441

■ 80.0450, -8.4032,
-11.4405

■ 83.4630, -5.6513,
-7.4221

■ 86.5820, -2.7519,
-4.0184

Harmonies

Analogous

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



70.5590, -34.7856, 3.8948



57.0160, -28.1089, -37.7250



61.1060, -4.4893, -53.5900

Triad

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



57.0160, -28.1089, -37.7250



70.0100, 44.8581, -61.3988



62.9140, -2.4226, 77.2514

Complementary

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



57.0160, -28.1089, -37.7250



32.9840, 28.1089, 37.7250

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.



68.9350, 15.8080, 63.2010



57.0160, -28.1089, -37.7250



62.4930, 49.0570, -54.8064

Square

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



57.0160, -28.1089, -37.7250



70.7960, 32.6386, -62.0881



78.6400, 29.7575, 22.2407



69.5120, -26.3814, 61.8180

Rectangle

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



57.0160, -28.1089, -37.7250



65.2270, 8.7621, -57.2041



78.6400, 29.7575, 22.2407



62.7490, 4.5607, 77.3961

Sweetspot

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



57.0160, -28.1089, -37.7250



104.3390, -11.0131, -14.3293



70.9350, -34.9710, 16.7200



51.2240, -6.5194, -8.9664



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



57.0160, -28.1089, -37.7250



74.0610, -36.5121, -49.1655



56.2500, -12.9413, -49.3312



44.2340, -1.5944, -1.9592



69.6530, -34.3389, -46.1767



150.1820, -74.0397, -99.2606

Inverse Universe

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



32.9840, 28.1089, 37.7250



42.9390, 36.5121, 49.1655



33.7500, 12.9413, 49.3312



42.7660, 1.5944, 1.9592



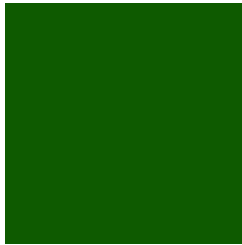
40.3470, 34.3389, 46.1767



86.8180, 74.0397, 99.2606

Previews

White Background



This preview shows how the YUV color 57.0160, -28.1089, -37.7250 looks on a white background.

Color Contrast Check

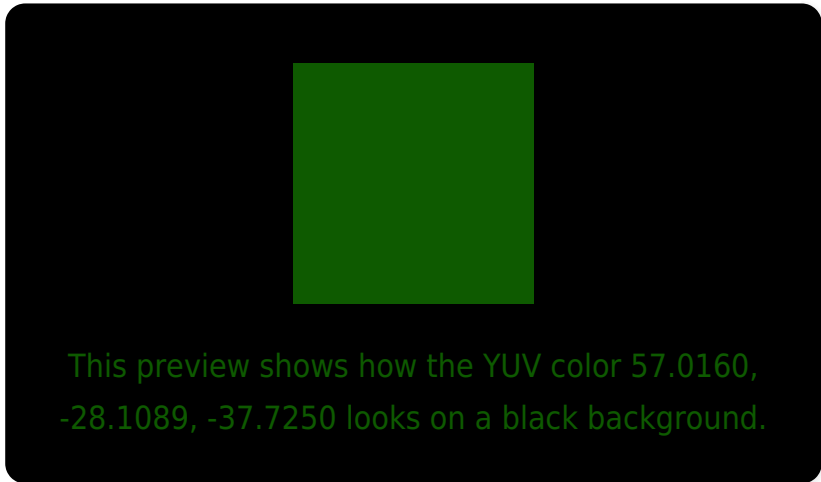
Large Text (above 18pt) WCAG AA ✓ Pass

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

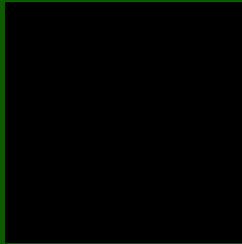
Any Text WCAG AA × Fail

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 57.0160, -28.1089, -37.7250 Background



This preview shows how black text looks on a background with the YUV color 57.0160, -28.1089, -37.7250.

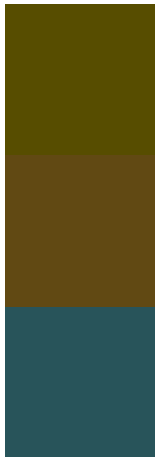


This preview shows how white text looks on a background with the YUV color 57.0160, -28.1089,

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



Protanopia

71.2120, -35.1075, 13.8461

Deuteranopia

74.0200, -27.1249, 20.1535

Tritanopia

71.5280, 9.1067, -27.6501

Trichromacy



Protanomaly

66.0740, -32.5745, -5.3269

Deuteranomaly

67.7740, -27.4966, -0.6788

Tritanomaly

66.2490, -4.5598, -30.9134

Monochromacy



Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8660, -10.2869, -13.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.0160, -28.1089, -37.7250 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(14, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(14, 90, 0)  
}
```

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(14, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 90, 0) }
```

Border

The CSS property to change the border of an element to YUV 57.0160, -28.1089, -37.7250 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(14, 90, 0) }
```

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

```
.border{ border-color:rgb(14, 90, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 90, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 90, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(14, 90, 0); box-shadow:4px  
4px 4px 4px rgb(14, 90, 0) }
```


Background

The CSS property to change the background color of an element to YUV 57.0160, -28.1089, -37.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 90, 0) }
```

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

```
.background{ background-color: rgb(14, 90,  
0) }
```

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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