

Converting Colors

YUV(69.6880, -27.4542,
-61.1164)

Have a look what the booklet for
YUV(69.6880, -27.4542, -61.1164)
contains.

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Color

**YUV(69.6880, -27.4542,
-61.1164)**

Conversions

Conversions Part 1

Format	Color
Hex	00740E
RGB	0, 116, 14
RGB Percent	0%, 45%, 5%
CMY	1.0000, 0.5451, 0.9451
CMYK	1.00, 0.00, 0.88, 0.55
HSL	127°, 100%, 23%
HSV	127°, 100%, 45%
XYZ	6.3247, 12.5225, 2.4992
YIQ	69.6880, -36.3940, -56.3140

Conversions

Conversions Part 2

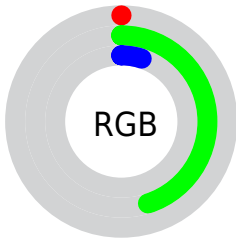
Format	Color
RYB	0, 104, 116
Decimal	29710
CIELab	42.03, -47.54, 43.22
CIELCh	42, 64.247, 137.722
Yxy	12.5225, 0.2963, 0.5866
Android (android.graphics.Color)	4278219790 (0xFF00740E)
YUV	69.6880, -27.4542, -61.1164
Hunter-Lab	35.3871, -30.0246, 20.5837

Details

The YUV color **69.6880, -27.4542, -61.1164** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **46.3120, 27.4542, 61.1164**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.9780, -30.5552, -46.4617**, and **38.7420, -19.0998, -33.9767** is the 20% darker color. If you saturate the color by 10%, you get **69.6880, -27.4542, -61.1164**, and if you desaturate by 10%, it is **74.4160, -24.8551, -54.7388**.

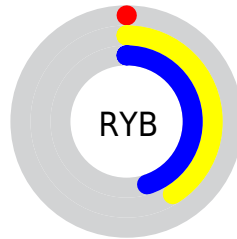
Distribution



Red (0%)

Green (45%)

Blue (5%)



Red (0%)

Yellow (41%)

Blue (45%)

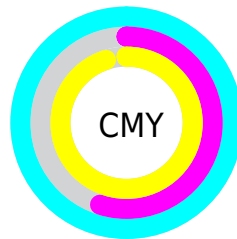


Cyan (100%)

Magenta (0%)

Yellow (88%)

Black (55%)



Cyan (100%)

Magenta (55%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.6880, -27.4542, -61.1164 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 69.6880, -27.4542, -61.1164 by changing the saturation by 10% instead.

■ 69.6880, -27.4542,
-61.1164

■ 69.6880, -27.4542,
-61.1164

255.0000, 0.0000,
0.0000

■ 53.4170, -26.3346,
-46.8467

■ 129.9780,
-30.5552, -46.4617

■ 38.7420, -19.0998,
-33.9767

■ 157.6360,
-31.8655, -46.1618

■ 25.8280, -12.7332,
-22.6512

■ 185.7070,
-32.8866, -45.3470

■ 8.2180, -4.0515,
-7.2072


■ 214.1800,
-33.6127, -45.7619


■ 0.0000, 0.0000,
0.0000


■ 226.5160,
-26.3834, -31.1475


■ 238.3790,


-18.4278, -16.1184


 250.3560,
-10.0355, -1.1892


 69.6880, -27.4542,
-61.1164

 74.4160, -24.8551,
-54.7388

 78.8450, -22.1086,
-48.9761

 83.6870, -19.0727,
-42.6985

 88.1160, -16.3262,
-36.9357

 92.8440, -13.7271,
-30.5582

■ 97.5720, -11.1280,
-24.1806

■ 102.0010, -8.3815,
-18.4179

■ 106.8430, -5.3456,
-12.1403

■ 111.2720, -2.5991,
-6.3775

Harmonies

Analogous

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



89.4310, -44.0895, 1.3760



69.6880, -27.4542, -61.1164



79.5770, -2.2565, -69.7890

Triad

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



69.6880, -27.4542, -61.1164



89.0000, 56.6950, -78.0530



84.2750, -6.5446, 92.7208

Complementary

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



69.6880, -27.4542, -61.1164



46.3120, 27.4542, 61.1164

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.



89.2730, 16.6274, 80.4446



69.6880, -27.4542, -61.1164



84.3600, 57.5035, -57.3207

Square

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



69.6880, -27.4542, -61.1164



90.6180, 42.5863, -79.4720



100.9710, 34.5243, 33.3514



90.7600, -35.8707, 72.1245

Rectangle

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



69.6880, -27.4542, -61.1164



84.3820, 13.6157, -74.0030



100.9710, 34.5243, 33.3514



83.2780, 2.3279, 93.5952

Sweetspot

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



69.6880, -27.4542, -61.1164



132.0990, -10.4018, -23.7658



98.5900, -48.6049, 2.9906



65.7780, -6.7926, -14.7143



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



69.6880, -27.4542, -61.1164



90.1020, -35.5463, -79.0195



76.3000, -2.1199, -66.9151



56.5220, -1.7363, -3.0888



73.3240, -28.7537, -64.3051



150.1700, -59.2438, -131.6991

Inverse Universe

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



46.3120, 27.4542, 61.1164



59.8980, 35.5463, 79.0195



39.7000, 2.1199, 66.9151



55.3640, 1.2995, 3.1888



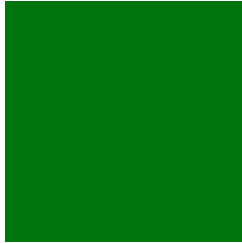
48.7900, 29.1905, 64.2052



99.8300, 59.2438, 131.6991

Previews

White Background



This preview shows how the YUV color 69.6880, -27.4542, -61.1164 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

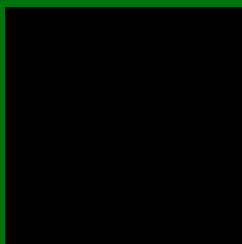
Any Text WCAG AA × Fail

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 69.6880, -27.4542, -61.1164 Background



This preview shows how black text looks on a background with the YUV color 69.6880, -27.4542, -61.1164.



This preview shows how white text looks on a background with the YUV color 69.6880, -27.4542, -61.1164.

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

92.5130, -41.6649, 17.0901

Deuteranopia

95.4460, -33.2509, 25.0419

Tritanopia

91.3850, 12.6282, -37.1716

Trichromacy



Protanomaly

84.0040, -36.4840, -11.4045

Deuteranomaly

86.1170, -31.1167, -6.2416

Tritanomaly

83.5460, -1.7482, -46.0828

Monochromacy



Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2240, -9.9704, -22.1214

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.6880, -27.4542, -61.1164 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(0, 116, 14)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 14)  
}
```

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(0, 116, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 14) }
```

Border

The CSS property to change the border of an element to YUV 69.6880, -27.4542, -61.1164 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(0, 116, 14) }
```

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

```
.border{ border-color:rgb(0, 116, 14) }
```

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

Here you see how a box with a 4 pixel rgb(0, 116, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 14);  
box-shadow:4px 4px 4px 4px rgb(0, 116, 14)  
}
```


Background

The CSS property to change the background color of an element to YUV 69.6880, -27.4542, -61.1164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 14) }
```

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

```
.background{ background-color: rgb(0, 116,  
14) }
```

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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