

Converting Colors

YUV(78.1180, -29.6382,
-60.6165)

Have a look what the booklet for
YUV(78.1180, -29.6382, -60.6165)
contains.

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Color

**YUV(78.1180, -29.6382,
-60.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	097D12
RGB	9, 125, 18
RGB Percent	4%, 49%, 7%
CMY	0.9647, 0.5098, 0.9294
CMYK	0.93, 0.00, 0.86, 0.51
HSL	125°, 87%, 26%
HSV	125°, 93%, 49%
XYZ	7.5555, 14.7690, 3.0248
YIQ	78.1180, -34.7890, -57.8690

Conversions

Conversions Part 2

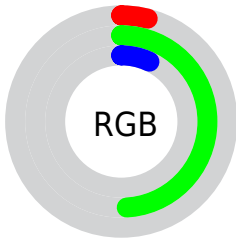
Format	Color
R_{YB}	9, 117, 125
Decimal	621842
CIE Lab	45.32, -49.31, 45.15
CIE LCh	45, 66.853, 137.523
Yxy	14.7690, 0.2981, 0.5826
Android (android.graphics.Color)	4278811922 (0xFF097D12)
YUV	78.1180, -29.6382, -60.6165
Hunter-Lab	38.4304, -32.1600, 22.2348

Details

The YUV color **78.1180, -29.6382, -60.6165** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **55.8820, 29.6382, 60.6165**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.0980, -32.5863, -48.3209**, and **43.4380, -21.4149, -38.0951** is the 20% darker color. If you saturate the color by 10%, you get **74.5150, -31.8059, -65.3497**, and if you desaturate by 10%, it is **83.0740, -26.1655, -54.4389**.

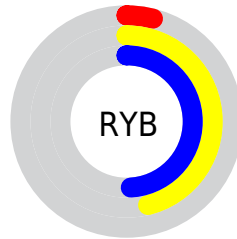
Distribution



Red (4%)

Green (49%)

Blue (7%)



Red (4%)

Yellow (46%)

Blue (49%)

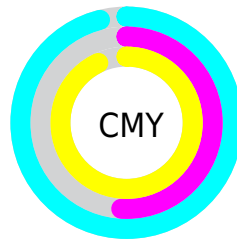


Cyan (93%)

Magenta (0%)

Yellow (86%)

Black (51%)



Cyan (96%)

Magenta (51%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.1180, -29.6382, -60.6165 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 78.1180, -29.6382, -60.6165 by changing the saturation by 10% instead.

■ 78.1180, -29.6382,
-60.6165

■ 78.1180, -29.6382,
-60.6165

255.0000, 0.0000,
0.0000

■ 58.1130, -28.6497,
-50.9651

■ 138.0980,
-32.5863, -48.3209

■ 43.4380, -21.4149,
-38.0951

■ 165.8700,
-33.4599, -48.1210

■ 29.9370, -14.7589,
-26.2547

■ 193.9410,
-34.4809, -47.3063

■ 15.8490, -7.8136,
-13.8996

■ 217.1310,
-32.6026, -43.0879


■ 0.0000, 0.0000,
0.0000


■ 228.8800,
-25.0838, -27.9588


■ 241.0420,


-17.2757, -12.3148


 252.7200, -8.7360,
1.9996


 78.1180, -29.6382,
-60.6165


 78.1180, -29.6382,
-60.6165


 74.5150, -31.8059,
-65.3497

 83.0740, -26.1655,
-54.4389

 88.2150, -23.2770,
-47.5466

 93.1710, -19.8043,
-41.3690

 98.3120, -16.9158,
-34.4766

 103.2680,
-13.4431, -28.2990

■ 108.4090,
-10.5546, -21.4067

■ 113.3650, -7.0819,
-15.2291

■ 118.5060, -4.1935,
-8.3368

■ 123.4620, -0.7208,
-2.1592

Harmonies

Analogous

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



97.4050, -48.0207, 2.2758



78.1180, -29.6382, -60.6165



85.5440, -2.2402, -75.0221

Triad

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



78.1180, -29.6382, -60.6165



95.7650, 59.7689, -83.9859



92.3680, -7.5764, 97.0243

Complementary

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



78.1180, -29.6382, -60.6165



55.8820, 29.6382, 60.6165

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.



97.8220, 17.3428, 84.3481



78.1180, -29.6382, -60.6165



92.4460, 60.4191, -59.1501

Square

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



78.1180, -29.6382, -60.6165



97.2690, 45.2234, -85.3049



108.9650, 36.9923, 35.1107



98.6250, -37.7761, 76.6279

Rectangle

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



78.1180, -29.6382, -60.6165



90.5770, 14.5055, -79.4360



108.9650, 36.9923, 35.1107



91.8980, 2.0223, 98.3135

Sweetspot

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



78.1180, -29.6382, -60.6165



144.7570, -11.7122, -23.4659



109.3840, -49.4893, 6.6792



70.6640, -7.2294, -14.6143



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



78.1180, -29.6382, -60.6165



97.1630, -41.4924, -85.2120



84.6160, -4.7407, -66.3152



61.2230, -1.5889, -3.7036



76.2760, -32.6741, -66.8941



0.0000, 0.0000, 0.0000

Inverse Universe

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



55.8820, 29.6382, 60.6165



65.9510, 41.9292, 85.1120



49.3840, 4.7407, 66.3152



59.7770, 1.5889, 3.7036



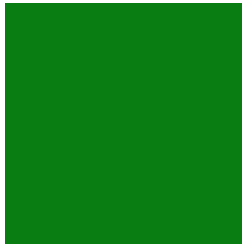
51.7240, 32.6741, 66.8941



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 78.1180, -29.6382, -60.6165 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 78.1180, -29.6382, -60.6165

Background



This preview shows how black text looks on a background with the YUV color 78.1180, -29.6382, -60.6165.



This preview shows how white text looks on a background with the YUV color 78.1180, -29.6382, -60.6165.

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

78.1180, -29.6382, -60.6165

Protanopia

100.0570, -43.4121, 17.4900

Deuteranopia

103.0010, -35.0035, 27.1861



Tritanopia

98.3030, 13.6546, -39.7307

Trichromacy



Original Color

78.1180, -29.6382, -60.6165



Protanomaly

92.4340, -38.6680, -10.9046



Deuteranomaly

94.2590, -33.1587, -4.6121



Tritanomaly

90.8340, -1.8902, -47.2124

Monochromacy



Original Color

78.1180, -29.6382, -60.6165



Achromatopsia

78.0000, 0.0000, 0.0000



Achromatomaly

77.9960, -10.8440, -21.9215

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.1180, -29.6382, -60.6165 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(9, 125, 18)` looks like.

```
.text, #text, p{  
    color:rgb(9, 125, 18)  
}
```

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(9, 125, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 125, 18) }
```

Border

The CSS property to change the border of an element to YUV 78.1180, -29.6382, -60.6165 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(9, 125, 18) }
```


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

```
.border{ border-color:rgb(9, 125, 18) }
```

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

Here you see how a box with a 4 pixel rgb(9, 125, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 125, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 125, 18);  
box-shadow:4px 4px 4px 4px rgb(9, 125, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.1180, -29.6382, -60.6165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 125, 18) }
```

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

```
.background{ background-color: rgb(9, 125,  
18) }
```

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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