

Converting Colors

YUV(59.1780, -27.2028,
-48.3911)

Have a look what the booklet for
YUV(59.1780, -27.2028, -48.3911)
contains.

YUV(59.1780, -27.2028, -48.3911)	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(59.1780, -27.2028,
-48.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	046204
RGB	4, 98, 4
RGB Percent	2%, 38%, 2%
CMY	0.9843, 0.6157, 0.9843
CMYK	0.96, 0.00, 0.96, 0.62
HSL	120°, 92%, 20%
HSV	120°, 96%, 38%
XYZ	4.4397, 8.7699, 1.5736
YIQ	59.1780, -25.8500, -49.1620

Conversions

Conversions Part 2

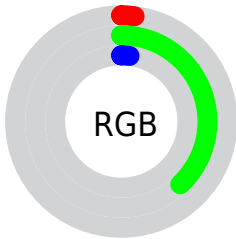
Format	Color
R_{YB}	4, 98, 98
Decimal	287236
CIE _{Lab}	35.54, -42.07, 40.14
CIE _{LCh}	36, 58.151, 136.347
Yxy	8.7699, 0.3003, 0.5932
Android (android.graphics.Color)	4278477316 (0xFF046204)
YUV	59.1780, -27.2028, -48.3911
Hunter-Lab	29.6141, -25.0644, 17.5793

Details

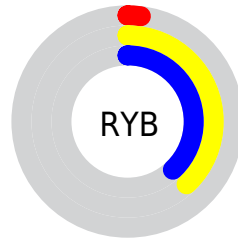
The YUV color **59.1780, -27.2028, -48.3911** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **42.8220, 27.2028, 48.3911**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.1900, -28.6877, -38.7546**, and **29.3500, -14.4695, -25.7399** is the 20% darker color. If you saturate the color by 10%, you get **57.5260, -28.3603, -50.4503**, and if you desaturate by 10%, it is **63.3080, -24.3088, -43.2431**.

Distribution



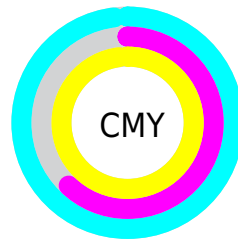
- Red (2%)
- Green (38%)
- Blue (2%)



- Red (2%)
- Yellow (38%)
- Blue (38%)



- Cyan (96%)
- Magenta (0%)
- Yellow (96%)
- Black (62%)



- Cyan (98%)
- Magenta (62%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.1780, -27.2028, -48.3911 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 59.1780, -27.2028, -48.3911 by changing the saturation by 10% instead.

■ 59.1780, -27.2028,
-48.3911

■ 59.1780, -27.2028,
-48.3911

■ 254.0880, -3.4944,
0.7998

■ 42.8510, -21.1255,
-37.5803

■ 116.1900,
-28.6877, -38.7546

■ 29.3500, -14.4695,
-25.7399

■ 143.2610,
-29.7087, -37.9399

■ 16.4360, -8.1029,
-14.4144

■ 170.7340,
-30.4349, -38.3547


■ 0.0000, 0.0000,
0.0000


■ 198.5060,
-31.3085, -38.1548


■ 222.8700,
-30.0089, -34.9660


■ 234.7330,


-22.0534, -19.9368


 246.5960,
-14.0978, -4.9077


 59.1780, -27.2028,
-48.3911


 59.1780, -27.2028,
-48.3911


 57.5260, -28.3603,
-50.4503

 63.3080, -24.3088,
-43.2431

 67.4380, -21.4149,
-38.0951

 71.1550, -18.8104,
-33.4619

 75.2850, -15.9165,
-28.3139

 79.4150, -13.0226,
-23.1660

■ 83.5450, -10.1287,
-18.0180

■ 87.6750, -7.2348,
-12.8700

■ 91.3920, -4.6303,
-8.2368

■ 95.5220, -1.7363,
-3.0888

Harmonies

Analogous

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



75.8640, -37.4010, 2.7503



59.1780, -27.2028, -48.3911



66.7140, -3.3100, -58.5082

Triad

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



59.1780, -27.2028, -48.3911



75.7150, 48.9475, -66.4021



69.1920, -4.0387, 82.2696

Complementary

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



59.1780, -27.2028, -48.3911



42.8220, 27.2028, 48.3911

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.



74.0930, 16.2232, 70.0784



59.1780, -27.2028, -48.3911



67.3830, 52.5622, -59.0949

Square

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



59.1780, -27.2028, -48.3911



77.0880, 36.4386, -67.6062



85.1290, 31.4884, 27.0739



75.7960, -30.4654, 65.0769

Rectangle

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



59.1780, -27.2028, -48.3911



71.0630, 10.8149, -62.3223



85.1290, 31.4884, 27.0739



67.9670, 3.9603, 83.3439

Sweetspot

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



59.1780, -27.2028, -48.3911



112.7190, -10.7075, -19.0476



87.2840, -41.0590, 9.3979



54.5010, -6.6560, -11.8404



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.



59.1780, -27.2028, -48.3911



75.1360, -37.0420, -65.8943



64.5360, -6.6732, -53.0901



46.3480, -1.1576, -2.0592



65.7440, -32.4118, -57.6575



140.8800, -69.4538, -123.5518

Inverse Universe

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



42.8220, 27.2028, 48.3911



52.8640, 37.0420, 65.8943



37.4640, 6.6732, 53.0901



45.6520, 1.1576, 2.0592



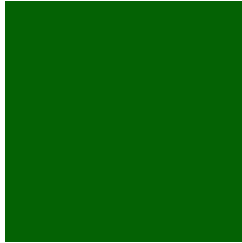
46.2560, 32.4118, 57.6575



99.1200, 69.4538, 123.5518

Previews

White Background



This preview shows how the YUV color 59.1780, -27.2028, -48.3911 looks on a white background.

Color Contrast Check

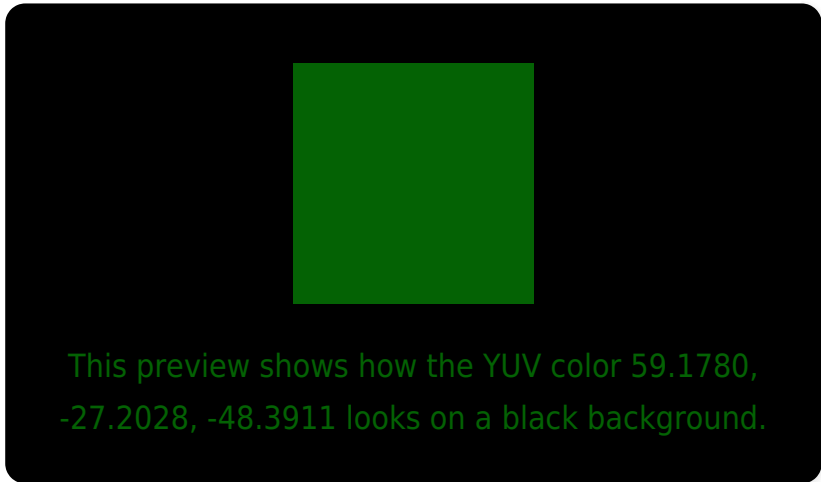
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.1780, -27.2028, -48.3911 Background



This preview shows how black text looks on a background with the YUV color 59.1780, -27.2028, -48.3911.



This preview shows how white text looks on a background with the YUV color 59.1780, -27.2028, -48.3911.

-48.3911.

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

59.1780, -27.2028, -48.3911

Protanopia

77.4140, -38.1651, 14.5459

Deuteranopia

80.2760, -28.7301, 21.6829



Tritanopia

76.8480, 10.4279, -31.4387

Trichromacy



Original Color

59.1780, -27.2028, -48.3911

Protanomaly

70.5960, -34.3108, -8.4157

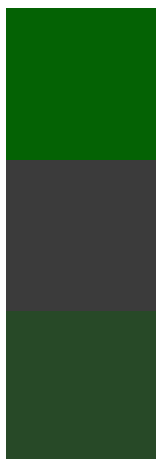
Deuteranomaly

72.5240, -28.3593, -3.9675

Tritanomaly

70.8460, -3.3751, -37.5759

Monochromacy



Original Color

59.1780, -27.2028, -48.3911

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9580, -9.8393, -17.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.1780, -27.2028, -48.3911 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(4, 98, 4)` looks like.

```
.text, #text, p{  
    color:rgb(4, 98, 4)  
}
```

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(4, 98, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 98, 4) }
```

Border

The CSS property to change the border of an element to YUV 59.1780, -27.2028, -48.3911 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(4, 98, 4) }
```


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

```
.border{ border-color:rgb(4, 98, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 98, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 98, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 98, 4); box-shadow:4px  
4px 4px 4px rgb(4, 98, 4) }
```

Background

The CSS property to change the background color of an element to YUV 59.1780, -27.2028, -48.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 98, 4) }
```

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

```
.background{ background-color: rgb(4, 98,  
4) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor