

Converting Colors

YUV(116.4180, -27.8141,
-38.9546)

Have a look what the booklet for
YUV(116.4180, -27.8141, -38.9546)
contains.

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Color

**YUV(116.4180, -27.8141,
-38.9546)**

Conversions

Conversions Part 1

Format	Color
Hex	48963C
RGB	72, 150, 60
RGB Percent	28%, 59%, 24%
CMY	0.7176, 0.4118, 0.7647
CMYK	0.52, 0.00, 0.60, 0.41
HSL	112°, 43%, 41%
HSV	112°, 60%, 59%
XYZ	14.3944, 23.5167, 8.0555
YIQ	116.4180, -17.5980, -44.5260

Conversions

Conversions Part 2

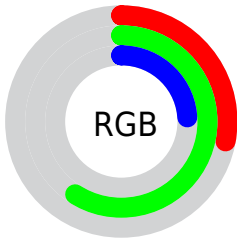
Format	Color
RYB	60, 150, 138
Decimal	4757052
CIELab	55.60, -42.11, 39.49
CIELCh	56, 57.727, 136.838
Yxy	23.5167, 0.3132, 0.5116
Android (android.graphics.Color)	4282947132 (0xFF48963C)
YUV	116.4180, -27.8141, -38.9546
Hunter-Lab	48.4940, -31.8804, 24.0970

Details

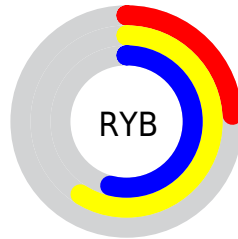
The YUV color **116.4180, -27.8141, -38.9546** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **93.5820, 27.8141, 38.9546**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8480, -29.9981, -38.4547**, and **59.1070, -26.1818, -49.2058** is the 20% darker color. If you saturate the color by 10%, you get **110.8210, -32.4498, -45.4470**, and if you desaturate by 10%, it is **122.0150, -23.1784, -32.4622**.

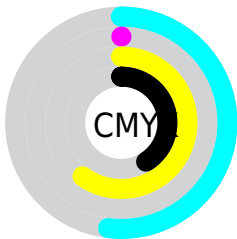
Distribution



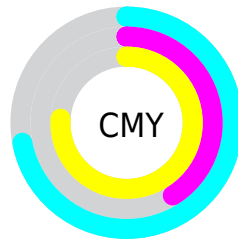
- Red (28%)
- Green (59%)
- Blue (24%)



- Red (24%)
- Yellow (59%)
- Blue (54%)



- Cyan (52%)
- Magenta (0%)
- Yellow (60%)
- Black (41%)



- Cyan (72%)
- Magenta (41%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.4180, -27.8141, -38.9546 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 116.4180, -27.8141, -38.9546 by changing the saturation by 10% instead.

■ 116.4180,
-27.8141, -38.9546

■ 116.4180,
-27.8141, -38.9546

■ 255.0000, 0.0000,
0.0000

■ 89.6350, -26.9351,
-40.8989

■ 170.8480,
-29.9981, -38.4547

■ 59.1070, -26.1818,
-49.2058

■ 198.7340,
-30.4349, -38.3547

■ 43.4380, -21.4149,
-38.0951

■ 222.9840,
-29.5721, -35.0660

■ 29.3500, -14.4695,
-25.7399

■ 234.5480,
-21.4692, -20.6516

■ 16.4360, -8.1029,
-14.4144

■ 246.7100,
-13.6610, -5.0077

■ 0.0000, 0.0000,
0.0000

■ 254.2020, -3.0576,

0.6998

■ 116.4180,
-27.8141, -38.9546

■ 116.4180,
-27.8141, -38.9546

■ 110.8210,
-32.4498, -45.4470

■ 122.0150,
-23.1784, -32.4622

■ 105.2240,
-37.0854, -51.9394

■ 127.6120,
-18.5427, -25.9697

■ 99.6270, -41.7211,
-58.4319

■ 133.2090,
-13.9070, -19.4773

■ 94.0300, -46.3568,
-64.9243

■ 138.8060, -9.2714,
-12.9849

■ 144.4030, -4.6357,
-6.4924

■ 150.0000, 0.0000,
0.0000

■ 155.5970, 4.6357,
6.4924

■ 161.1940, 9.2714,
12.9849

■ 166.7910, 13.9070,
19.4773

Harmonies

Analogous

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



123.5690, -50.0735, 7.3940



116.4180, -27.8141, -38.9546



103.9980, 2.4660, -91.2062

Triad

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



116.4180, -27.8141, -38.9546



111.4490, 58.9386, -97.7408



129.6560, -11.1694, 82.7397

Complementary

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



116.4180, -27.8141, -38.9546



93.5820, 27.8141, 38.9546

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.



133.2410, 11.7132, 69.9486



116.4180, -27.8141, -38.9546



128.5540, 50.0129, -34.6889

Square

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



116.4180, -27.8141, -38.9546



113.7680, 44.9774, -99.7745



136.9660, 32.0618, 29.8478



129.6180, -33.8287, 70.4950

Rectangle

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



116.4180, -27.8141, -38.9546



108.5750, 17.4645, -95.2203



136.9660, 32.0618, 29.8478



130.1210, -3.0177, 81.4549

Sweetspot

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



116.4180, -27.8141, -38.9546



181.0400, -10.8657, -14.9441



132.6960, -35.8391, 15.1756



88.9250, -6.3720, -9.5812



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



116.4180, -27.8141, -38.9546



141.8610, -43.3155, -60.3911



116.5920, -11.6309, -49.6312



71.4080, -2.1731, -2.9888



86.3880, -42.5893, -59.9763



6.1690, -3.0413, -4.5332

Inverse Universe

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



93.5820, 27.8141, 38.9546



106.1390, 43.3155, 60.3911



93.4080, 11.6309, 49.6312



69.5920, 2.1731, 2.9888



51.3130, 42.7367, 59.3615



3.8310, 3.0413, 4.5332

Previews

White Background



This preview shows how the YUV color 116.4180, -27.8141, -38.9546 looks on a white 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

Black Background



This preview shows how the YUV color 116.4180, -27.8141, -38.9546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

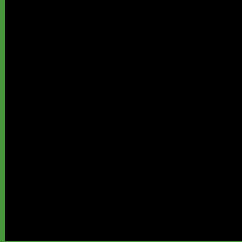
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.4180, -27.8141, -38.9546 Background



This preview shows how black text looks on a background with the YUV color 116.4180, -27.8141, -38.9546.



This preview shows how white text looks on a background with the YUV color 116.4180, -27.8141, -38.9546.

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

116.4180, -27.8141, -38.9546

Protanopia

128.2940, -36.1339, 16.4052

Deuteranopia

130.3370, -31.2251, 28.6455



Tritanopia

127.3040, 12.1751, -31.8386

Trichromacy



Original Color

116.4180, -27.8141, -38.9546

Protanomaly

123.9710, -33.0167, -3.4826

Deuteranomaly

125.4110, -30.2756, 4.0246

Tritanomaly

123.2100, -2.0755, -34.3872

Monochromacy



Original Color

116.4180, -27.8141, -38.9546

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9800, -9.8501, -14.0145

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.4180, -27.8141, -38.9546 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(72, 150, 60)` looks like.

```
.text, #text, p{  
    color:rgb(72, 150, 60)  
}
```

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(72, 150, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 150, 60) }
```

Border

The CSS property to change the border of an element to YUV 116.4180, -27.8141, -38.9546 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(72, 150, 60) }
```


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

```
.border{ border-color:rgb(72, 150, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 150, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 150, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 150, 60);  
box-shadow:4px 4px 4px 4px rgb(72, 150,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 116.4180, -27.8141, -38.9546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 150, 60) }
```

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

```
.background{ background-color: rgb(72, 150,  
60) }
```

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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