

Converting Colors

YUV(59.6290, -27.9181,
-52.2946)

Have a look what the booklet for
YUV(59.6290, -27.9181, -52.2946)
contains.

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Color

**YUV(59.6290, -27.9181,
-52.2946)**

Conversions

Conversions Part 1

Format	Color
Hex	006503
RGB	0, 101, 3
RGB Percent	0%, 40%, 1%
CMY	1.0000, 0.6039, 0.9882
CMYK	1.00, 0.00, 0.97, 0.60
HSL	122°, 100%, 20%
HSV	122°, 100%, 40%
XYZ	4.6701, 9.3139, 1.6378
YIQ	59.6290, -28.7380, -51.8900

Conversions

Conversions Part 2

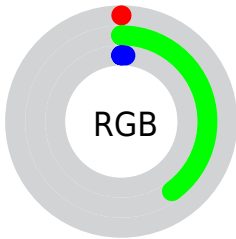
Format	Color
RYB	0, 98, 101
Decimal	25859
CIELab	36.58, -43.51, 41.29
CIELCh	37, 59.984, 136.503
Yxy	9.3139, 0.2989, 0.5962
Android (android.graphics.Color)	4278215939 (0xFF006503)
YUV	59.6290, -27.9181, -52.2946
Hunter-Lab	30.5187, -26.0929, 18.1813

Details

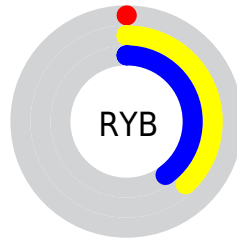
The YUV color **59.6290, -27.9181, -52.2946** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **41.3710, 27.9181, 52.2946**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0650, -29.1190, -40.3990**, and **30.5240, -15.0483, -26.7695** is the 20% darker color. If you saturate the color by 10%, you get **59.6290, -27.9181, -52.2946**, and if you desaturate by 10%, it is **63.7590, -25.0242, -47.1466**.

Distribution



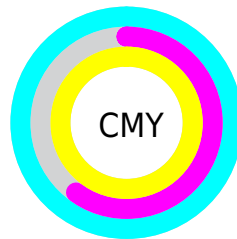
- Red (0%)
- Green (40%)
- Blue (1%)



- Red (0%)
- Yellow (38%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (97%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.6290, -27.9181, -52.2946 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 59.6290, -27.9181, -52.2946 by changing the saturation by 10% instead.

■ 59.6290, -27.9181,
-52.2946

■ 59.6290, -27.9181,
-52.2946

■ 254.0880, -3.4944,
0.7998

■ 44.6120, -21.9937,
-39.1247

■ 118.0650,
-29.1190, -40.3990

■ 30.5240, -15.0483,
-26.7695

■ 145.1360,
-30.1400, -39.5843

■ 18.1970, -8.9711,
-15.9588

■ 172.4950,
-31.3030, -39.8991

■ 0.0000, 0.0000,
0.0000


■ 200.9680,
-32.0292, -40.3139


■ 223.1690,
-30.1563, -34.3512


■ 234.7330,


-22.0534, -19.9368


 246.8950,
-14.2452, -4.2929


 59.6290, -27.9181,
-52.2946

 63.7590, -25.0242,
-47.1466

 67.8890, -22.1303,
-41.9987

 71.9050, -19.6732,
-36.7507

 76.0350, -16.7793,
-31.6027

 80.4640, -14.0328,
-25.8399

■ 84.5940, -11.1388,
-20.6919

■ 88.7240, -8.2449,
-15.5439

■ 92.7400, -5.7878,
-10.2960

■ 96.8700, -2.8939,
-5.1480

Harmonies

Analogous

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



78.2230, -38.5639, 2.4354



59.6290, -27.9181, -52.2946



68.7030, -3.3046, -60.2525

Triad

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



59.6290, -27.9181, -52.2946



78.1600, 50.7001, -68.5463



70.5130, -4.1969, 86.3731

Complementary

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



59.6290, -27.9181, -52.2946



41.3710, 27.9181, 52.2946

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.



76.2290, 16.6491, 73.4672



59.6290, -27.9181, -52.2946



69.2410, 54.6042, -60.7244

Square

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



59.6290, -27.9181, -52.2946



79.4190, 37.7544, -69.6505



87.3680, 32.3566, 28.6183



77.5790, -31.3444, 67.0212

Rectangle

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



59.6290, -27.9181, -52.2946



73.7530, 10.9678, -64.6814



87.3680, 32.3566, 28.6183



68.8150, 4.5282, 87.8622

Sweetspot

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



59.6290, -27.9181, -52.2946



114.0070, -10.8495, -20.1771



88.8880, -43.8218, 8.8682



56.2020, -6.5086, -12.4552



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



59.6290, -27.9181, -52.2946



76.7660, -35.8736, -67.3238



65.2150, -6.5150, -57.1936



48.9350, -1.4470, -2.5740



67.8470, -31.9696, -59.5018



142.8520, -66.9750, -125.2812

Inverse Universe

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



41.3710, 27.9181, 52.2946



53.2340, 35.8736, 67.3238



35.7850, 6.5150, 57.1936



48.0650, 1.4470, 2.5740



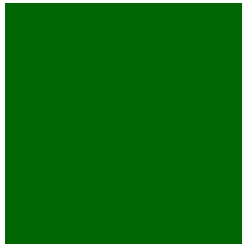
47.0390, 31.5328, 59.6018



99.1480, 66.9750, 125.2812

Previews

White Background



This preview shows how the YUV color 59.6290, -27.9181, -52.2946 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

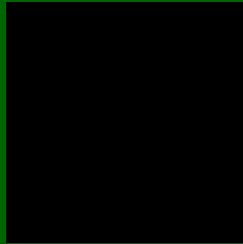
Any Text WCAG AA × Fail

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 59.6290, -27.9181, -52.2946 Background



This preview shows how black text looks on a background with the YUV color 59.6290, -27.9181, -52.2946.



This preview shows how white text looks on a background with the YUV color 59.6290, -27.9181, -52.2946.

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

59.6290, -27.9181, -52.2946

Protanopia

79.4850, -39.1861, 15.3607

Deuteranopia

82.9340, -30.0405, 21.9829



Tritanopia

79.2500, 10.7228, -32.6682

Trichromacy



Original Color

59.6290, -27.9181, -52.2946

Protanomaly

72.0690, -35.0370, -8.8305

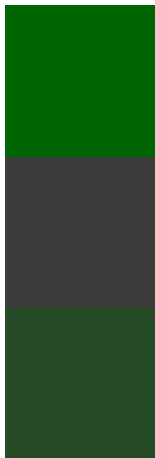
Deuteranomaly

74.5840, -29.3749, -4.8972

Tritanomaly

72.4220, -3.6590, -39.8351

Monochromacy



Original Color

59.6290, -27.9181, -52.2946

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.8330, -10.2707, -19.1475

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.6290, -27.9181, -52.2946 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, 101, 3)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 3)  
}
```

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, 101, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 3) }
```

Border

The CSS property to change the border of an element to YUV 59.6290, -27.9181, -52.2946 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, 101, 3) }
```


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

```
.border{ border-color:rgb(0, 101, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 101, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 101, 3); box-shadow:4px  
4px 4px 4px rgb(0, 101, 3) }
```

Background

The CSS property to change the background color of an element to YUV 59.6290, -27.9181, -52.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 3) }
```

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

```
.background{ background-color: rgb(0, 101,  
3) }
```

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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