

Converting Colors

YUV(54.7890, -27.0110,
-16.4780)

Have a look what the booklet for
YUV(54.7890, -27.0110, -16.4780)
contains.

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Color

**YUV(54.7890, -27.0110,
-16.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	244B00
RGB	36, 75, 0
RGB Percent	14%, 29%, 0%
CMY	0.8588, 0.7059, 1.0000
CMYK	0.52, 0.00, 1.00, 0.71
HSL	91°, 100%, 15%
HSV	91°, 100%, 29%
XYZ	3.2436, 5.4072, 0.8727
YIQ	54.7890, 0.8310, -31.5930

Conversions

Conversions Part 2

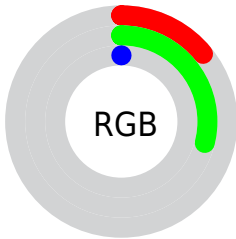
Format	Color
RYB	0, 75, 39
Decimal	2378496
CIELab	27.86, -26.89, 35.56
CIELCh	28, 44.583, 127.097
Yxy	5.4072, 0.3406, 0.5678
Android (android.graphics.Color)	4280568576 (0xFF244B00)
YUV	54.7890, -27.0110, -16.4780
Hunter-Lab	23.2534, -15.7945, 14.0521

Details

The YUV color **54.7890, -27.0110, -16.4780** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **20.2110, 27.0110, 16.4780**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.2020, -26.7216, -15.9632**, and **18.7840, -9.2605, -16.4736** is the 20% darker color. If you saturate the color by 10%, you get **54.7890, -27.0110, -16.4780**, and if you desaturate by 10%, it is **56.7830, -24.5430, -14.7187**.

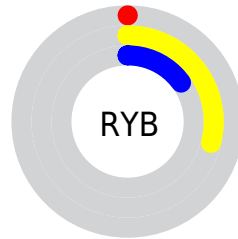
Distribution



Red (14%)

Green (29%)

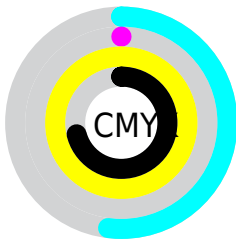
Blue (0%)



Red (0%)

Yellow (29%)

Blue (15%)

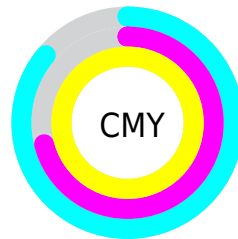


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (71%)



Cyan (86%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.7890, -27.0110, -16.4780 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 54.7890, -27.0110, -16.4780 by changing the saturation by 10% instead.

■ 54.7890, -27.0110,
-16.4780

■ 54.7890, -27.0110,
-16.4780

■ 252.7200, -8.7360,
1.9996

■ 33.8130, -16.6698,
-20.0070

■ 104.2020,
-26.7216, -15.9632

■ 18.7840, -9.2605,
-16.4736

■ 129.9740,
-27.5952, -15.7632

■ 0.0000, 0.0000,
0.0000


■ 156.4470,
-28.3214, -16.1780


■ 183.9200,
-29.0476, -16.5928


■ 211.6920,
-29.9212, -16.3929


■ 236.0560,


-28.6216, -13.2041


 247.9190,
-20.6661, 1.8250


 54.7890, -27.0110,
-16.4780

 56.7830, -24.5430,
-14.7187

 58.8910, -21.6383,
-13.0594

 60.9990, -18.7335,
-11.4001

 62.9930, -16.2655,
-9.6409

 65.1010, -13.3608,
-7.9816

■ 66.7960, -10.7454,
-6.8371

■ 68.9040, -7.8407,
-5.1778

■ 70.8980, -5.3727,
-3.4185

■ 73.0060, -2.4680,
-1.7593

Harmonies

Analogous

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



61.4550, -30.2973, 11.0020



54.7890, -27.0110, -16.4780



50.5910, -6.7004, -44.3683

Triad

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



54.7890, -27.0110, -16.4780



59.3180, 34.3532, -52.0219



58.7760, 0.1104, 58.0784

Complementary

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



54.7890, -27.0110, -16.4780



20.2110, 27.0110, 16.4780

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.



64.0480, 14.2733, 42.0539



54.7890, -27.0110, -16.4780



54.6050, 39.1417, -47.8886

Square

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



54.7890, -27.0110, -16.4780



59.0440, 23.1493, -51.7816



67.6290, 26.3119, 7.3414



60.5630, -17.0396, 52.1262

Rectangle

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



54.7890, -27.0110, -16.4780



54.5010, 3.2040, -47.7974



67.6290, 26.3119, 7.3414



60.1330, 5.3574, 55.1344

Sweetspot

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



54.7890, -27.0110, -16.4780



89.2090, -10.4560, -6.3223



45.3180, -22.3418, 26.0311



43.3710, -6.0989, -3.8334



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



54.7890, -27.0110, -16.4780



70.9920, -34.9991, -21.0410



44.1390, -21.2675, -38.7099



36.9460, -1.4524, -0.8296



74.5250, -36.7408, -22.3854



167.9000, -82.7747, -50.7783

Inverse Universe

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



20.2110, 27.0110, 16.4780



26.0080, 34.9991, 21.0410



30.8610, 21.2675, 38.7099



35.0540, 1.4524, 0.8296



27.4750, 36.7408, 22.3854



61.8010, 82.9221, 50.1635

Previews

White Background



This preview shows how the YUV color 54.7890, -27.0110, -16.4780 looks on a white background.

Color Contrast Check

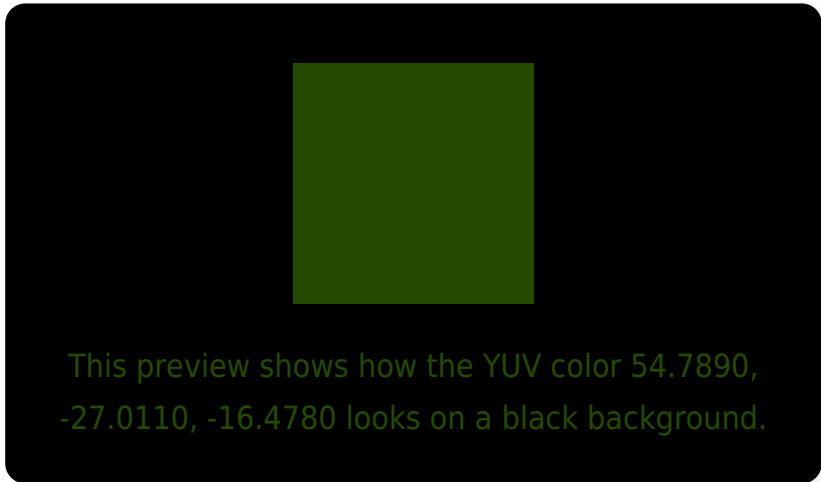
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.7890, -27.0110, -16.4780

Background



This preview shows how black text looks on a background with the YUV color 54.7890, -27.0110, -16.4780.



This preview shows how white text looks on a background with the YUV color 54.7890, -27.0110,

-16.4780.

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

60.8680, -30.0079, 11.5168

Deuteranopia

62.9210, -23.6251, 17.6093

Tritanopia

63.3940, 5.7218, -15.2545

Trichromacy



Protanomaly

58.4430, -28.8124, 1.3655

Deuteranomaly

60.2030, -24.7501, 5.0840

Tritanomaly

60.2940, -6.0609, -16.0438

Monochromacy



Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.7360, -9.7298, -5.9075

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.7890, -27.0110, -16.4780 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(36, 75, 0)` looks like.

```
.text, #text, p{  
    color:rgb(36, 75, 0)  
}
```

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(36, 75, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 75, 0) }
```

Border

The CSS property to change the border of an element to YUV 54.7890, -27.0110, -16.4780 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(36, 75, 0) }
```

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

```
.border{ border-color:rgb(36, 75, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 75, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 75, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(36, 75, 0); box-shadow:4px  
4px 4px 4px rgb(36, 75, 0) }
```


Background

The CSS property to change the background color of an element to YUV 54.7890, -27.0110, -16.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 75, 0) }
```

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

```
.background{ background-color: rgb(36, 75,  
0) }
```

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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