

Converting Colors

YUV(58.6510, -27.4359,
26.6161)

Have a look what the booklet for
YUV(58.6510, -27.4359, 26.6161)
contains.

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Color

**YUV(58.6510, -27.4359,
26.6161)**

Conversions

Conversions Part 1

Format	Color
Hex	593603
RGB	89, 54, 3
RGB Percent	35%, 21%, 1%
CMY	0.6510, 0.7882, 0.9882
CMYK	0.00, 0.39, 0.97, 0.65
HSL	36°, 93%, 18%
HSV	36°, 97%, 35%
XYZ	5.4554, 4.7688, 0.7191
YIQ	58.6510, 37.2310, -8.4410

Conversions

Conversions Part 2

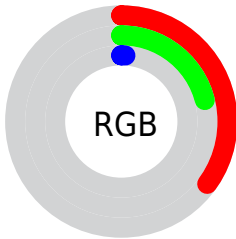
Format	Color
R_{YB}	62, 89, 3
Decimal	5846531
CIE _{Lab}	26.07, 11.55, 34.66
CIE _{LCh}	26, 36.531, 71.562
Yxy	4.7688, 0.4985, 0.4358
Android (android.graphics.Color)	4284036611 (0xFF593603)
YUV	58.6510, -27.4359, 26.6161
Hunter-Lab	21.8375, 6.3772, 13.3339

Details

The YUV color **58.6510, -27.4359, 26.6161** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **33.3490, 27.4359, -26.6161**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.7440, -28.4678, 30.9195**, and **18.4060, -9.0742, 17.1839** is the 20% darker color. If you saturate the color by 10%, you get **57.7220, -28.4569, 27.4308**, and if you desaturate by 10%, it is **62.0250, -24.6623, 23.6571**.

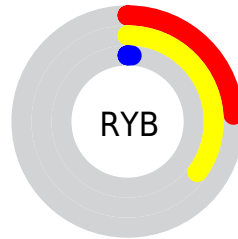
Distribution



Red (35%)

Green (21%)

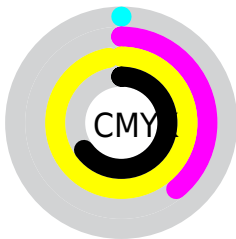
Blue (1%)



Red (24%)

Yellow (35%)

Blue (1%)

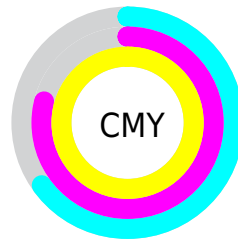


Cyan (0%)

Magenta (39%)

Yellow (97%)

Black (65%)



Cyan (65%)


Magenta (79%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YUV color 58.6510, -27.4359, 26.6161 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 58.6510, -27.4359, 26.6161 by changing the saturation by 10% instead.


 58.6510, -27.4359,
26.6161


 58.6510, -27.4359,
26.6161


 252.4920, -9.6096,
2.1995


 38.2080, -18.8365,
21.7426

 107.7440,
-28.4678, 30.9195


 18.4060, -9.0742,
17.1839

 133.5270,
-29.3468, 32.8638

 0.0000, 0.0000,
0.0000

 160.0110,
-30.0784, 34.1934

 187.0930,
-31.1048, 36.7524

 214.2670,
-31.6836, 35.7228

 233.7810,

-27.9930, 18.6091

■ 249.3000,
-21.8399, 4.9989

■ 58.6510, -27.4359,
26.6161

■ 58.6510, -27.4359,
26.6161

■ 57.7220, -28.4569,
27.4308

■ 62.0250, -24.6623,
23.6571

■ 64.8120, -21.5993,
21.2129

■ 68.1860, -18.8257,
18.2539

■ 70.9730, -15.7627,
15.8097

■ 74.3470, -12.9891,
12.8507

■ 77.6070, -10.6523,
9.9917

■ 80.3940, -7.5892,
7.5475

■ 83.7680, -4.8156,
4.5885

■ 87.1420, -2.0420,
1.6295

Harmonies

Analogous

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



59.3120, -16.4228, 40.9454



58.6510, -27.4359, 26.6161



57.0030, -28.1025, 7.0134

Triad

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



58.6510, -27.4359, 26.6161



52.2330, 9.7451, -45.8083



63.3430, 20.0439, 11.1002

Complementary

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



58.6510, -27.4359, 26.6161



33.3490, 27.4359, -26.6161

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.



54.4130, 30.3624, -31.9342



58.6510, -27.4359, 26.6161



54.6100, 21.3913, -47.8930

Square

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



58.6510, -27.4359, 26.6161



47.7530, -2.3432, -41.8794



53.4990, 29.8270, -46.9186



61.6360, 9.0535, 36.2762

Rectangle

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



58.6510, -27.4359, 26.6161



54.5820, -22.9649, -7.5264



53.4990, 29.8270, -46.9186



62.9610, 22.6972, 0.0342

Sweetspot

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



58.6510, -27.4359, 26.6161



102.9060, -10.7997, 10.6064



32.8180, 3.0477, 49.2716



51.3230, -6.5682, 6.7327



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



58.6510, -27.4359, 26.6161



74.3010, -36.6304, 35.6930



77.1030, -36.5328, 4.2947



41.9570, -1.4578, 0.9147



69.5610, -34.2936, 32.8340



151.8580, -74.8660, 72.9155

Inverse Universe

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



33.3490, 27.4359, -26.6161



40.6990, 36.6304, -35.6930



14.8970, 36.5328, -4.2947



40.6300, 1.1684, -1.4295



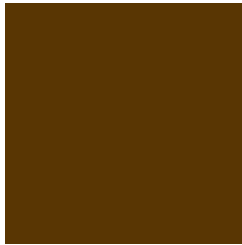
38.0260, 34.0042, -33.3488



82.5550, 75.1554, -72.4007

Previews

White Background



This preview shows how the YUV color 58.6510, -27.4359, 26.6161 looks on a white background.

Color Contrast Check

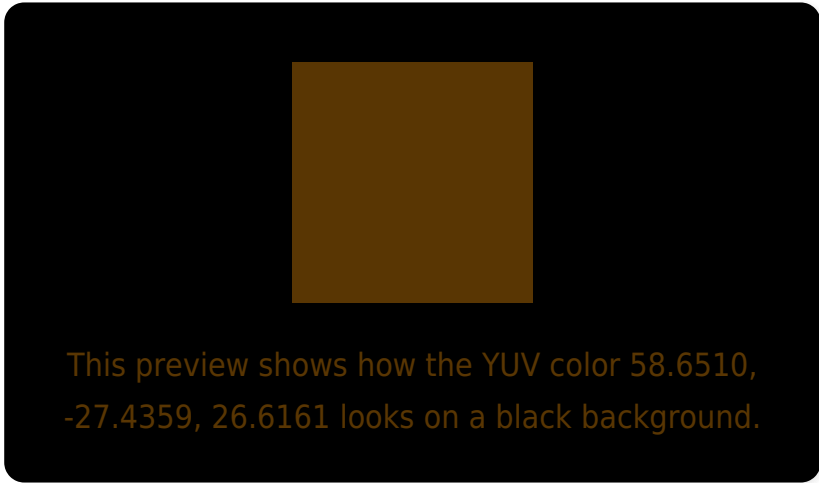
Large Text (above 18pt) WCAG AA ✓ Pass

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

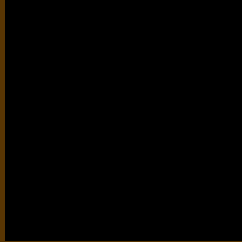
Any Text WCAG AA × Fail

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 58.6510, -27.4359, 26.6161 Background



This preview shows how black text looks on a background with the YUV color 58.6510, -27.4359, 26.6161.



This preview shows how white text looks on a background with the YUV color 58.6510, -27.4359,

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

58.6510, -27.4359, 26.6161

Protanopia

58.7090, -25.4925, 9.9022

Deuteranopia

58.2540, -28.7192, 18.1942



Tritanopia

62.7150, -4.2965, 24.8059

Trichromacy



Original Color

58.6510, -27.4359, 26.6161

Protanomaly

58.9270, -26.0930, 15.8500

Deuteranomaly

58.3900, -28.2933, 21.5830

Tritanomaly

60.8370, -12.7376, 25.5760

Monochromacy



Original Color

58.6510, -27.4359, 26.6161

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.8350, -9.7787, 9.7917

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.6510, -27.4359, 26.6161 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(89, 54, 3)` looks like.

```
.text, #text, p{  
    color:rgb(89, 54, 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(89, 54, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 54, 3) }
```

Border

The CSS property to change the border of an element to YUV 58.6510, -27.4359, 26.6161 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(89, 54, 3) }
```


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

```
.border{ border-color:rgb(89, 54, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 54, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 54, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 54, 3); box-shadow:4px  
4px 4px 4px rgb(89, 54, 3) }
```

Background

The CSS property to change the background color of an element to YUV 58.6510, -27.4359, 26.6161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 54, 3) }
```

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

```
.background{ background-color: rgb(89, 54,  
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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