

Converting Colors

YUV(58.4310, 6.1965, -27.5650)

Have a look what the booklet for
YUV(58.4310, 6.1965, -27.5650)
contains.

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Color

**YUV(58.4310, 6.1965,
-27.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	1B4847
RGB	27, 72, 71
RGB Percent	11%, 28%, 28%
CMY	0.8941, 0.7176, 0.7216
CMYK	0.63, 0.00, 0.01, 0.72
HSL	179°, 45%, 19%
HSV	179°, 62%, 28%
XYZ	3.9067, 5.3227, 6.7827
YIQ	58.4310, -26.4990, -9.8510

Conversions

Conversions Part 2

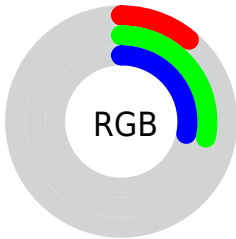
Format	Color
R_{YB}	27, 50, 72
Decimal	1787975
CIE _{Lab}	27.63, -15.53, -4.05
CIE _{LCh}	28, 16.046, 194.619
Yxy	5.3227, 0.2440, 0.3324
Android (android.graphics.Color)	4279978055 (0xFF1B4847)
YUV	58.4310, 6.1965, -27.5650
Hunter-Lab	23.0709, -10.1480, -1.2813




Details

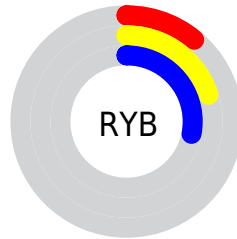
The YUV color **58.4310, 6.1965, -27.5650** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **40.5690, -6.1965, 27.5650**, and the grayscale version is **58.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **107.3170, 5.7597, -27.4650**, and **20.2150, 3.8380, -17.7286** is the 20% darker color. If you saturate the color by 10%, you get **56.3380, 7.2284, -31.8684**, and if you desaturate by 10%, it is **60.5240, 5.1647, -23.2615**.

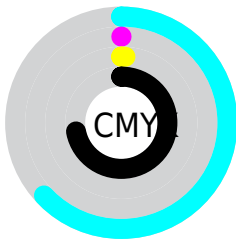
Distribution







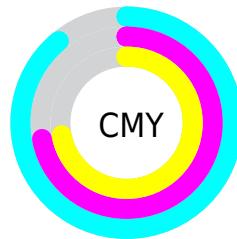
-  Red (11%)
-  Green (28%)
-  Blue (28%)






-  Red (11%)
-  Yellow (20%)
-  Blue (28%)



-  Cyan (63%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (72%)



-  Cyan (89%)
-  Magenta (72%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.4310, 6.1965, -27.5650 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 58.4310, 6.1965, -27.5650 by changing the saturation by 10% instead.

■ 58.4310, 6.1965,
-27.5650

■ 58.4310, 6.1965,
-27.5650

■ 255.0000, 0.0000,
0.0000

■ 34.3490, 7.2229,
-30.1241

■ 107.3170, 5.7597,
-27.4650

■ 20.2150, 3.8380,
-17.7286

■ 133.3170, 5.7597,
-27.4650

■ 0.0000, 0.0000,
0.0000

■ 159.3170, 5.7597,
-27.4650

■ 186.7190, 6.0545,
-28.6946

■ 214.7190, 6.0545,
-28.6946

■ 241.5450, 6.6333,

-27.6650

249.9170, 2.5059,
-10.4512

58.4310, 6.1965,
-27.5650

58.4310, 6.1965,
-27.5650

56.3380, 7.2284,
-31.8684

60.5240, 5.1647,
-23.2615

54.2450, 8.2602,
-36.1719

62.6170, 4.1328,
-18.9581

51.8530, 9.4395,
-41.0901

65.0090, 2.9536,
-14.0399

50.2440, 9.7397,
-44.0640

67.2160, 2.3585,
-9.8364

69.3090, 1.3267,
-5.5330

■ 71.4020, 0.2948,
-1.2296

■ 73.4950, -0.7370,
3.0739

■ 75.8870, -1.9163,
7.9921

■ 77.9800, -2.9481,
12.2955

Harmonies

Analogous

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



60.5370, -1.2507, -18.8879



58.4310, 6.1965, -27.5650



58.7990, 11.4381, -28.7647

Triad

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



58.4310, 6.1965, -27.5650



66.8080, 7.9827, 6.3074



64.8030, -11.2419, 12.4508

Complementary

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



58.4310, 6.1965, -27.5650



40.5690, -6.1965, 27.5650

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.



65.6450, -8.2060, 18.7283



58.4310, 6.1965, -27.5650



67.0820, 2.4246, 15.7141

Square

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



58.4310, 6.1965, -27.5650



65.0560, 11.8044, -6.1881



66.6220, -3.2646, 20.5025



63.7480, -11.2148, 3.7290

Rectangle

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



58.4310, 6.1965, -27.5650



60.5870, 13.0216, -23.3168



66.6220, -3.2646, 20.5025



65.5260, -11.1053, 15.3247

Sweetspot

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



58.4310, 6.1965, -27.5650



88.6180, 2.6533, -11.0660



53.7140, -13.1700, -22.5512



44.7110, 1.6215, -6.7625



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.



58.4310, 6.1965, -27.5650



72.9560, 9.8817, -42.9344



46.2180, 12.7105, -16.8542



34.8040, 0.5896, -2.4591



69.1710, 13.7197, -60.6630



158.5570, 31.2774, -139.0545

Inverse Universe

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



40.5690, -6.1965, 27.5650



45.0440, -9.8817, 42.9344



52.7820, -12.7105, 16.8542



33.1960, -0.5896, 2.4591



29.8290, -13.7197, 60.6630



68.4430, -31.2774, 139.0545

Previews

White Background



This preview shows how the YUV color 58.4310, 6.1965, -27.5650 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



This preview shows how the YUV color 58.4310, 6.1965, -27.5650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

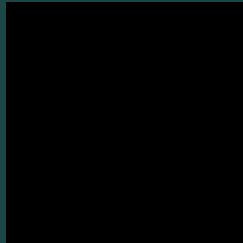
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.4310, 6.1965, -27.5650

Background



This preview shows how black text looks on a background with the YUV color 58.4310, 6.1965, -27.5650.



This preview shows how white text looks on a background with the YUV color 58.4310, 6.1965, -27.5650.

-27.5650.

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

58.4310, 6.1965, -27.5650

Protanopia

65.5270, 0.7262, 0.4148

Deuteranopia

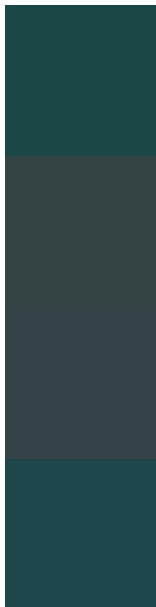
65.6350, 3.6309, 2.0741



Tritanopia

59.4250, 8.6645, -25.8057

Trichromacy



Original Color

58.4310, 6.1965, -27.5650

Protanomaly

63.2160, 2.3585, -9.8364

Deuteranomaly

62.7970, 4.5371, -8.5920

Tritanomaly

58.8980, 7.9383, -26.2205

Monochromacy



Original Color

58.4310, 6.1965, -27.5650

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.2160, 2.3585, -9.8364

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.4310, 6.1965, -27.5650 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(27, 72, 71)` looks like.

```
.text, #text, p{  
    color:rgb(27, 72, 71)  
}
```

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(27, 72, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 72, 71) }
```

Border

The CSS property to change the border of an element to YUV 58.4310, 6.1965, -27.5650 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(27, 72, 71) }
```


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

```
.border{ border-color:rgb(27, 72, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 72, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 72, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 72, 71);  
box-shadow:4px 4px 4px 4px rgb(27, 72, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.4310, 6.1965, -27.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 72, 71) }
```

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

```
.background{ background-color: rgb(27, 72,  
71) }
```

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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