

Converting Colors

YUV(59.7050, 17.4004,
-27.8053)

Have a look what the booklet for
YUV(59.7050, 17.4004, -27.8053)
contains.

YUV(59.7050, 17.4004, -27.8053)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(59.7050, 17.4004,
-27.8053)**

Conversions

Conversions Part 1

Format	Color
Hex	1C455F
RGB	28, 69, 95
RGB Percent	11%, 27%, 37%
CMY	0.8902, 0.7294, 0.6275
CMYK	0.71, 0.27, 0.00, 0.63
HSL	203°, 54%, 24%
HSV	203°, 71%, 37%
XYZ	4.6726, 5.3293, 11.6089
YIQ	59.7050, -32.7820, -0.6060

Conversions

Conversions Part 2

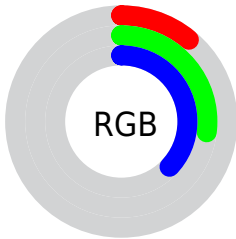
Format	Color
R_{YB}	28, 53, 95
Decimal	1852767
CIE Lab	27.65, -5.00, -19.57
CIE LCh	28, 20.199, 255.682
Yxy	5.3293, 0.2162, 0.2466
Android (android.graphics.Color)	4280042847 (0xFF1C455F)
YUV	59.7050, 17.4004, -27.8053
Hunter-Lab	23.0854, -4.2703, -13.6552

Details

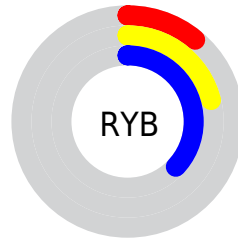
The YUV color **59.7050, 17.4004, -27.8053** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **63.2950, -17.4004, 27.8053**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.2430, 18.1212, -25.6461**, and **20.8480, 13.8789, -18.2837** is the 20% darker color. If you saturate the color by 10%, you get **54.3670, 20.0321, -31.8939**, and if you desaturate by 10%, it is **65.0430, 14.7688, -23.7167**.

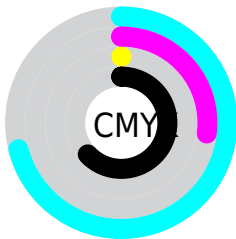
Distribution



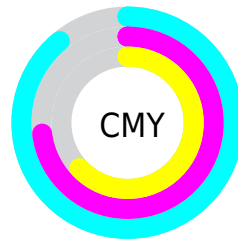
- Red (11%)
- Green (27%)
- Blue (37%)



- Red (11%)
- Yellow (21%)
- Blue (37%)



- Cyan (71%)
- Magenta (27%)
- Yellow (0%)
- Black (63%)



- Cyan (89%)
- Magenta (73%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7050, 17.4004, -27.8053 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 59.7050, 17.4004, -27.8053 by changing the saturation by 10% instead.

■ 59.7050, 17.4004,
-27.8053

■ 59.7050, 17.4004,
-27.8053

■ 255.0000, 0.0000,
0.0000

■ 35.6830, 17.4113,
-31.2940

■ 109.2430, 18.1212,
-25.6461

■ 20.8480, 13.8789,
-18.2837

■ 135.2430, 18.1212,
-25.6461

■ 3.7790, 11.9410,
-3.3142

■ 161.7700, 18.8474,
-25.2313

■ 0.0000, 0.0000,
0.0000

■ 188.8840, 19.2842,
-25.3313

■ 216.4710, 18.9948,
-25.8461

■ 242.1650, 6.3277,

-22.9467

252.0100, 1.4741,
-6.1478

59.7050, 17.4004,
-27.8053

59.7050, 17.4004,
-27.8053

54.3670, 20.0321,
-31.8939

65.0430, 14.7688,
-23.7167

49.9150, 22.2269,
-35.8825

69.4950, 12.5740,
-19.7281

44.8760, 24.7111,
-39.3563

74.8330, 9.9423,
-15.6395

79.8720, 7.4581,
-12.1657

84.6230, 5.1159,
-7.5624

■ 89.6620, 2.6316,
-4.0886

■ 95.0000, 0.0000,
0.0000

■ 99.4520, -2.1948,
3.9886

■ 104.7900, -4.8265,
8.0772

Harmonies

Analogous

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



52.1820, 17.1653, -45.7636



59.7050, 17.4004, -27.8053



65.1420, 14.7200, -8.0175

Triad

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



59.7050, 17.4004, -27.8053



66.1280, -4.0071, 25.3207



61.5290, -9.1348, -10.1109

Complementary

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



59.7050, 17.4004, -27.8053



63.2950, -17.4004, 27.8053

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.



63.3520, -13.9775, 3.1993



59.7050, 17.4004, -27.8053



65.9830, -10.8376, 22.8169

Square

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



59.7050, 17.4004, -27.8053



67.2290, 2.8451, 20.8472



64.9020, -14.7417, 14.9949



58.0200, -0.5029, -25.4505

Rectangle

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



59.7050, 17.4004, -27.8053



66.7090, 11.4825, 3.7632



64.9020, -14.7417, 14.9949



62.3940, -11.0402, -5.6075

Sweetspot

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



59.7050, 17.4004, -27.8053



108.6550, 6.5791, -10.2214



70.2930, -8.0324, -37.0910



52.9930, 3.9475, -6.1329



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



59.7050, 17.4004, -27.8053



67.4240, 26.9060, -43.3448



40.3340, 26.9503, -10.8169



46.2170, 0.8790, -1.9443



53.2710, 28.9534, -46.7187



113.6490, 62.2910, -99.6702

Inverse Universe

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



52.7070, 8.0324, 37.0910



56.3920, 12.6247, 57.5382



82.6660, -26.9503, 10.8169



45.5380, 0.7208, 2.1592



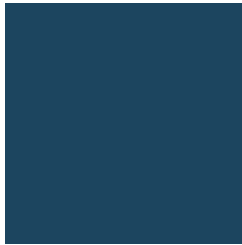
41.3540, 13.6295, 61.9565



88.5180, 28.8316, 132.8497

Previews

White Background



This preview shows how the YUV color 59.7050, 17.4004, -27.8053 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 59.7050, 17.4004, -27.8053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

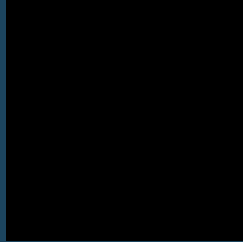
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7050, 17.4004, -27.8053

Background



This preview shows how black text looks on a background with the YUV color 59.7050, 17.4004, -27.8053.



This preview shows how white text looks on a background with the YUV color 59.7050, 17.4004,

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

59.7050, 17.4004, -27.8053

Protanopia

64.9850, 12.8254, -7.0028

Deuteranopia

64.6470, 15.4570, -11.0914



Tritanopia

55.6410, 11.0230, -35.6422

Trichromacy



Original Color

59.7050, 17.4004, -27.8053

Protanomaly

62.9840, 14.3049, -14.8950

Deuteranomaly

62.5430, 16.4943, -17.1392

Tritanomaly

57.2330, 13.1961, -32.6533

Monochromacy



Original Color

59.7050, 17.4004, -27.8053

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.6550, 6.5791, -10.2214

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7050, 17.4004, -27.8053 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(28, 69, 95)` looks like.

```
.text, #text, p{  
    color:rgb(28, 69, 95)  
}
```

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(28, 69, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 69, 95) }
```

Border

The CSS property to change the border of an element to YUV 59.7050, 17.4004, -27.8053 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(28, 69, 95) }
```


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

```
.border{ border-color:rgb(28, 69, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 69, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 69, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 69, 95);  
box-shadow:4px 4px 4px 4px rgb(28, 69, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.7050, 17.4004, -27.8053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 69, 95) }
```

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

```
.background{ background-color: rgb(28, 69,  
95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor