

Converting Colors

YUV(59.6590, 7.0701, -27.7649)

Have a look what the booklet for
YUV(59.6590, 7.0701, -27.7649)
contains.

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Color

**YUV(59.6590, 7.0701,
-27.7649)**

Conversions

Conversions Part 1

Format	Color
Hex	1C494A
RGB	28, 73, 74
RGB Percent	11%, 29%, 29%
CMY	0.8902, 0.7137, 0.7098
CMYK	0.62, 0.01, 0.00, 0.71
HSL	181°, 45%, 20%
HSV	181°, 62%, 29%
XYZ	4.0975, 5.5064, 7.3254
YIQ	59.6590, -27.1410, -9.2290

Conversions

Conversions Part 2

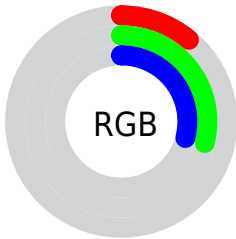
Format	Color
RYB	28, 51, 74
Decimal	1853770
CIELab	28.13, -14.90, -5.25
CIELCh	28, 15.801, 199.424
Yxy	5.5064, 0.2420, 0.3253
Android (android.graphics.Color)	4280043850 (0xFF1C494A)
YUV	59.6590, 7.0701, -27.7649
Hunter-Lab	23.4657, -9.8961, -2.0830




Details

The YUV color **59.6590, 7.0701, -27.7649** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **42.3410, -7.0701, 27.7649**, and the grayscale version is **60.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **108.9580, 6.9227, -27.1502**, and **21.0300, 4.4222, -18.4433** is the 20% darker color. If you saturate the color by 10%, you get **57.5660, 8.1020, -32.0684**, and if you desaturate by 10%, it is **61.7520, 6.0383, -23.4615**.

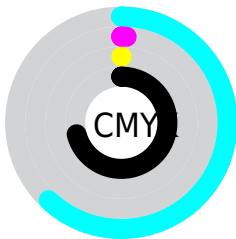
Distribution







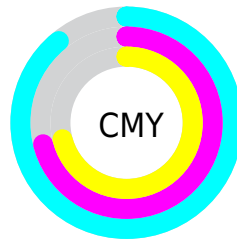
-  Red (11%)
-  Green (29%)
-  Blue (29%)






-  Red (11%)
-  Yellow (20%)
-  Blue (29%)



-  Cyan (62%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (89%)
-  Magenta (71%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.6590, 7.0701, -27.7649 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 59.6590, 7.0701, -27.7649 by changing the saturation by 10% instead.

■ 59.6590, 7.0701,
-27.7649

■ 59.6590, 7.0701,
-27.7649

■ 255.0000, 0.0000,
0.0000

■ 35.1640, 7.8071,
-30.8388

■ 108.9580, 6.9227,
-27.1502

■ 21.0300, 4.4222,
-18.4433

■ 134.5450, 6.6333,
-27.6650

■ 0.5700, 2.1840,
-0.4999

■ 160.6590, 7.0701,
-27.7649

■ 0.0000, 0.0000,
0.0000

■ 188.2460, 6.7807,
-28.2797

■ 215.9470, 6.9281,
-28.8945

■ 241.8440, 6.4859,

-27.0502

250.5150, 2.2111,
-9.2217

59.6590, 7.0701,
-27.7649

59.6590, 7.0701,
-27.7649

57.5660, 8.1020,
-32.0684

61.7520, 6.0383,
-23.4615

55.1740, 9.2812,
-36.9866

64.1440, 4.8590,
-18.5433

53.0810, 10.3131,
-41.2900

66.2370, 3.8272,
-14.2398

50.7000, 11.4869,
-44.4639

69.2160, 2.3585,
-9.8364

71.3090, 1.3267,
-5.5330

■ 73.4020, 0.2948,
-1.2296

■ 75.7940, -0.8844,
3.6887

■ 77.8870, -1.9163,
7.9921

■ 80.2790, -3.0955,
12.9103

Harmonies

Analogous

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



61.5800, 0.2071, -19.8027



59.6590, 7.0701, -27.7649



60.5110, 11.5801, -27.6351

Triad

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



59.6590, 7.0701, -27.7649



68.4770, 6.6668, 8.3517



66.0910, -11.3839, 11.3212

Complementary

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



59.6590, 7.0701, -27.7649



42.3410, -7.0701, 27.7649

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.



66.7050, -9.2216, 17.7987



59.6590, 7.0701, -27.7649



68.4520, 1.2562, 17.1436

Square

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



59.6590, 7.0701, -27.7649



66.8390, 10.9254, -4.2438



67.9810, -4.4276, 20.1877



64.8510, -10.7725, 1.8847

Rectangle

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



59.6590, 7.0701, -27.7649



62.5980, 13.0162, -21.5724



67.9810, -4.4276, 20.1877



66.5150, -11.0999, 13.5803

Sweetspot

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



59.6590, 7.0701, -27.7649



90.7320, 3.0901, -11.1660



55.1160, -12.8752, -23.7807



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.



59.6590, 7.0701, -27.7649



73.9990, 11.3395, -43.8491



46.1580, 13.7261, -15.9246



36.8040, 0.5896, -2.4591



70.3280, 15.6143, -61.6777



158.2950, 35.3506, -138.8247

Inverse Universe

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



46.8840, 12.8752, 23.7807



53.9210, 20.2519, 37.7803



55.8420, -13.7261, 15.9246



35.6520, 1.1576, 2.0592



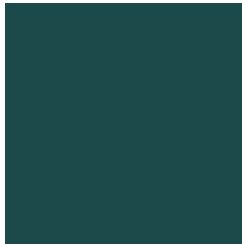
41.8980, 28.6443, 52.7095



94.4200, 64.3759, 118.9037

Previews

White Background



This preview shows how the YUV color 59.6590, 7.0701, -27.7649 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 59.6590, 7.0701, -27.7649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

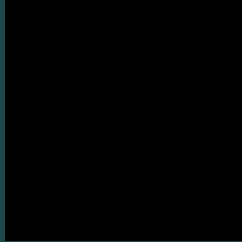
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.6590, 7.0701, -27.7649

Background



This preview shows how black text looks on a background with the YUV color 59.6590, 7.0701, -27.7649.



This preview shows how white text looks on a background with the YUV color 59.6590, 7.0701, -27.7649.

-27.7649.

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

59.6590, 7.0701, -27.7649

Protanopia

66.4560, 1.7472, -0.3999

Deuteranopia

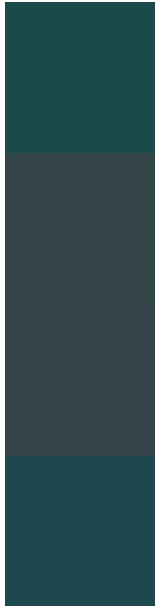
67.1510, 4.3626, 0.7446



Tritanopia

60.1260, 8.8119, -26.4205

Trichromacy



Original Color

59.6590, 7.0701, -27.7649

Protanomaly

64.1450, 3.3795, -10.6512

Deuteranomaly

64.3130, 5.2687, -9.9215

Tritanomaly

59.7130, 8.5225, -26.9353

Monochromacy



Original Color

59.6590, 7.0701, -27.7649

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.9170, 2.5059, -10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.6590, 7.0701, -27.7649 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, 73, 74)` looks like.

```
.text, #text, p{  
    color:rgb(28, 73, 74)  
}
```

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, 73, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 73, 74) }
```

Border

The CSS property to change the border of an element to YUV 59.6590, 7.0701, -27.7649 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, 73, 74) }
```


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

```
.border{ border-color:rgb(28, 73, 74) }
```

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

Here you see how a box with a 4 pixel rgb(28, 73, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 73, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 73, 74);  
box-shadow:4px 4px 4px 4px rgb(28, 73, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.6590, 7.0701, -27.7649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 73, 74) }
```

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

```
.background{ background-color: rgb(28, 73,  
74) }
```

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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