

Converting Colors

YUV(59.6760, 17.9077,
-50.5819)

Have a look what the booklet for
YUV(59.6760, 17.9077, -50.5819)
contains.

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Color

**YUV(59.6760, 17.9077,
-50.5819)**

Conversions

Conversions Part 1

Format	Color
Hex	025260
RGB	2, 82, 96
RGB Percent	1%, 32%, 38%
CMY	0.9922, 0.6784, 0.6235
CMYK	0.98, 0.15, 0.00, 0.62
HSL	189°, 96%, 19%
HSV	189°, 98%, 38%
XYZ	5.1536, 6.8920, 12.1250
YIQ	59.6760, -52.1740, -12.6060

Conversions

Conversions Part 2

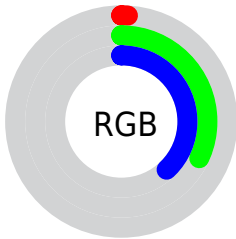
Format	Color
R_{YB}	2, 45, 96
Decimal	152160
CIE _{Lab}	31.56, -15.75, -14.22
CIE _{LCh}	32, 21.222, 222.076
Yxy	6.8920, 0.2132, 0.2851
Android (android.graphics.Color)	4278342240 (0xFF025260)
YUV	59.6760, 17.9077, -50.5819
Hunter-Lab	26.2527, -10.9009, -9.0067

Details

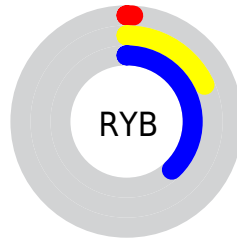
The YUV color **59.6760, 17.9077, -50.5819** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **38.3240, -17.9077, 50.5819**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.8730, 15.8386, -40.2306**, and **27.4190, 11.1324, -24.0465** is the 20% darker color. If you saturate the color by 10%, you get **59.0780, 18.2025, -51.8114**, and if you desaturate by 10%, it is **63.2530, 16.1443, -44.9489**.

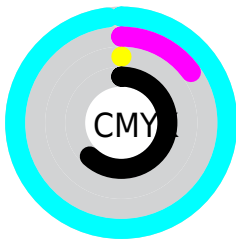
Distribution



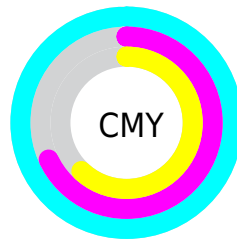
- Red (1%)
- Green (32%)
- Blue (38%)



- Red (1%)
- Yellow (18%)
- Blue (38%)



- Cyan (98%)
- Magenta (15%)
- Yellow (0%)
- Black (62%)



- Cyan (99%)
- Magenta (68%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.6760, 17.9077, -50.5819 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 59.6760, 17.9077, -50.5819 by changing the saturation by 10% instead.

■ 59.6760, 17.9077,
-50.5819

■ 59.6760, 17.9077,
-50.5819

■ 255.0000, 0.0000,
0.0000

■ 42.8410, 14.3754,
-37.5716

■ 114.8730, 15.8386,
-40.2306

■ 27.4190, 11.1324,
-24.0465

■ 141.1720, 15.6912,
-39.6158

■ 10.3500, 9.1944,
-9.0770

■ 168.1720, 15.6912,
-39.6158

■ 0.0000, 0.0000,
0.0000

■ 195.6990, 16.4174,
-39.2010

■ 223.7590, 15.4018,
-40.1306

■ 240.6480, 7.0755,

-29.5093

■ 249.3190, 2.8007,
-11.6808

■ 59.6760, 17.9077,
-50.5819

■ 59.6760, 17.9077,
-50.5819

■ 59.0780, 18.2025,
-51.8114

■ 63.2530, 16.1443,
-44.9489

■ 67.1180, 14.2388,
-40.4455

■ 70.6950, 12.4754,
-34.8125

■ 74.5600, 10.5699,
-30.3091

■ 78.1370, 8.8065,
-24.6761

■ 82.3010, 6.7536,
-19.5580

■ 85.5790, 5.1376,
-14.5398

■ 89.1560, 3.3741,
-8.9068

■ 93.0210, 1.4686,
-4.4034

Harmonies

Analogous

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



62.1410, 9.2975, -42.2197



59.6760, 17.9077, -50.5819



68.0250, 18.7217, -31.5939

Triad

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



59.6760, 17.9077, -50.5819



76.5710, 4.1555, 20.5472



72.3200, -15.4408, 5.8584

Complementary

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



59.6760, 17.9077, -50.5819



38.3240, -17.9077, 50.5819

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.



74.0980, -15.3313, 17.4541



59.6760, 17.9077, -50.5819



75.5520, -3.7231, 27.5799

Square

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



59.6760, 17.9077, -50.5819



76.0300, 11.3242, 7.8667



74.7060, -10.7011, 25.6908



70.4860, -10.5926, -9.1962

Rectangle

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



59.6760, 17.9077, -50.5819



71.7710, 17.3679, -17.3392



74.7060, -10.7011, 25.6908



73.2280, -15.8884, 9.4470

Sweetspot

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



59.6760, 17.9077, -50.5819



111.3010, 6.7536, -19.5580



58.6600, -21.5244, -49.6908



54.7750, 4.5479, -12.0807



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



59.6760, 17.9077, -50.5819



76.4720, 23.9243, -67.0659



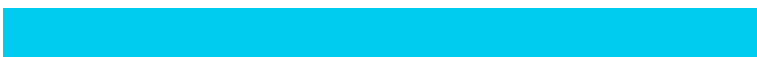
32.6740, 31.2197, -26.9011



46.8040, 0.5896, -2.4591



68.5330, 21.4292, -60.1034



147.1080, 45.7958, -129.0137

Inverse Universe

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



39.2260, 21.0876, 49.7908



49.4590, 27.8747, 66.2495



65.3260, -31.2197, 26.9011



45.6520, 1.1576, 2.0592



44.3180, 24.9862, 59.3571



95.0160, 53.7291, 127.1510

Previews

White Background



This preview shows how the YUV color 59.6760, 17.9077, -50.5819 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 59.6760, 17.9077, -50.5819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

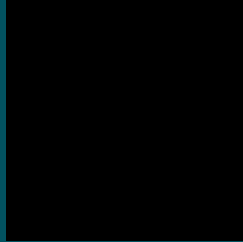
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.6760, 17.9077, -50.5819

Background



This preview shows how black text looks on a background with the YUV color 59.6760, 17.9077, -50.5819.



This preview shows how white text looks on a background with the YUV color 59.6760, 17.9077, -50.5819.

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

59.6760, 17.9077, -50.5819

Protanopia

74.9270, 7.4310, -3.4440

Deuteranopia

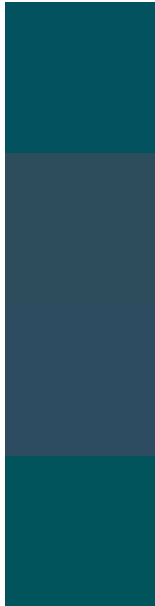
74.6540, 11.5096, -4.9586



Tritanopia

58.8670, 14.8556, -51.6264

Trichromacy



Original Color

59.6760, 17.9077, -50.5819

Protanomaly

69.4410, 11.1216, -20.5578

Deuteranomaly

69.1250, 13.7424, -21.1576

Tritanomaly

59.5080, 16.0186, -51.3115

Monochromacy



Original Color

59.6760, 17.9077, -50.5819

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.8990, 6.4588, -18.3284

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.6760, 17.9077, -50.5819 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(2, 82, 96)` looks like.

```
.text, #text, p{  
    color:rgb(2, 82, 96)  
}
```

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(2, 82, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 82, 96) }
```

Border

The CSS property to change the border of an element to YUV 59.6760, 17.9077, -50.5819 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(2, 82, 96) }
```


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

```
.border{ border-color:rgb(2, 82, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 82, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 82, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 82, 96); box-shadow:4px  
4px 4px 4px rgb(2, 82, 96) }
```

Background

The CSS property to change the background color of an element to YUV 59.6760, 17.9077, -50.5819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 82, 96) }
```

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

```
.background{ background-color: rgb(2, 82,  
96) }
```

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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