

Converting Colors

YUV(65.1920, 18.6393,
-51.9114)

Have a look what the booklet for
YUV(65.1920, 18.6393, -51.9114)
contains.

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Color

**YUV(65.1920, 18.6393,
-51.9114)**

Conversions

Conversions Part 1

Format	Color
Hex	065867
RGB	6, 88, 103
RGB Percent	2%, 35%, 40%
CMY	0.9765, 0.6549, 0.5961
CMYK	0.94, 0.15, 0.00, 0.60
HSL	189°, 89%, 21%
HSV	189°, 94%, 40%
XYZ	6.0130, 7.9974, 14.0587
YIQ	65.1920, -53.6870, -12.7190

Conversions

Conversions Part 2

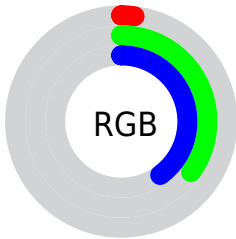
Format	Color
RYB	6, 50, 103
Decimal	415847
CIELab	33.98, -16.19, -14.92
CIELCh	34, 22.015, 222.657
Yxy	7.9974, 0.2142, 0.2849
Android (android.graphics.Color)	4278605927 (0xFF065867)
YUV	65.1920, 18.6393, -51.9114
Hunter-Lab	28.2797, -11.5358, -9.6790

Details

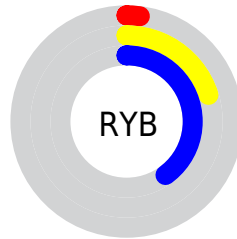
The YUV color **65.1920, 18.6393, -51.9114** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **43.8080, -18.6393, 51.9114**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.3890, 16.5702, -41.5602**, and **31.0380, 12.3063, -27.2203** is the 20% darker color. If you saturate the color by 10%, you get **62.8110, 19.8132, -55.0852**, and if you desaturate by 10%, it is **69.3560, 16.5865, -46.7932**.

Distribution



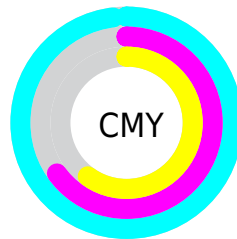
- Red (2%)
- Green (35%)
- Blue (40%)



- Red (2%)
- Yellow (20%)
- Blue (40%)



- Cyan (94%)
- Magenta (15%)
- Yellow (0%)
- Black (60%)



- Cyan (98%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.1920, 18.6393, -51.9114 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 65.1920, 18.6393, -51.9114 by changing the saturation by 10% instead.

■ 65.1920, 18.6393,
-51.9114

■ 65.1920, 18.6393,
-51.9114

■ 255.0000, 0.0000,
0.0000

■ 47.1610, 15.6966,
-41.3602

■ 120.3890, 16.5702,
-41.5602

■ 31.0380, 12.3063,
-27.2203

■ 146.8020, 16.8596,
-41.0454

■ 17.4910, 8.6319,
-15.3396

■ 174.3890, 16.5702,
-41.5602

■ 1.2540, 4.8048,
-1.0998

■ 202.5030, 17.0070,
-41.6601

■ 0.0000, 0.0000,
0.0000

■ 229.3630, 12.6390,
-40.6604

■ 242.1430, 6.3385,

-26.4354

250.8140, 2.0637,
-8.6069

65.1920, 18.6393,
-51.9114

65.1920, 18.6393,
-51.9114

62.8110, 19.8132,
-55.0852

69.3560, 16.5865,
-46.7932

73.2320, 14.6756,
-40.5455

77.3960, 12.6228,
-35.4273

80.9730, 10.8593,
-29.7943

85.4360, 8.6591,
-24.0614

■ 89.6000, 6.6062,
-18.9432

■ 93.1770, 4.8427,
-13.3102

■ 97.3410, 2.7899,
-8.1921

■ 101.2170, 0.8790,
-1.9443

Harmonies

Analogous

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



67.2440, 9.7397, -44.0640



65.1920, 18.6393, -51.9114



73.5410, 19.4533, -32.9235

Triad

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



65.1920, 18.6393, -51.9114



82.5820, 4.1501, 22.2916



77.7930, -16.1669, 5.4435

Complementary

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



65.1920, 18.6393, -51.9114



43.8080, -18.6393, 51.9114

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.



79.2830, -15.9155, 18.1688



65.1920, 18.6393, -51.9114



81.1500, -4.0180, 28.8094

Square

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



65.1920, 18.6393, -51.9114



82.1440, 11.7610, 7.7667



80.7770, -11.7221, 26.5056



76.0730, -10.8820, -9.7110

Rectangle

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



65.1920, 18.6393, -51.9114



77.7000, 18.3889, -18.1539



80.7770, -11.7221, 26.5056



78.4130, -16.4726, 10.1618

Sweetspot

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



65.1920, 18.6393, -51.9114



120.1160, 7.3378, -20.2727



64.6490, -21.5190, -51.4352



59.4760, 4.6953, -12.6955



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



65.1920, 18.6393, -51.9114



82.3080, 25.9772, -72.1841



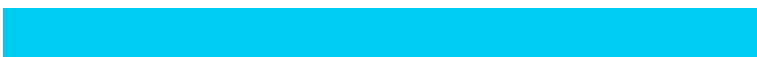
37.0160, 32.5301, -27.2010



48.9180, 1.0264, -2.5591



70.0490, 22.1608, -61.4330



147.9230, 46.3800, -129.7285

Inverse Universe

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



44.3510, 21.5190, 51.4352



53.3610, 29.8950, 71.5974



71.9840, -32.5301, 27.2010



47.9510, 1.0102, 2.6740



45.4430, 25.4176, 61.0015



95.7280, 53.8711, 128.2805

Previews

White Background



This preview shows how the YUV color 65.1920, 18.6393, -51.9114 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 65.1920, 18.6393, -51.9114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

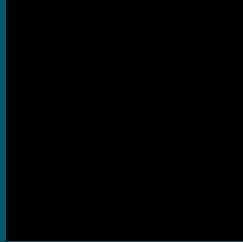
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.1920, 18.6393, -51.9114

Background



This preview shows how black text looks on a background with the YUV color 65.1920, 18.6393, -51.9114.



This preview shows how white text looks on a background with the YUV color 65.1920, 18.6393,

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

65.1920, 18.6393, -51.9114

Protanopia

80.1550, 8.3046, -3.6439

Deuteranopia

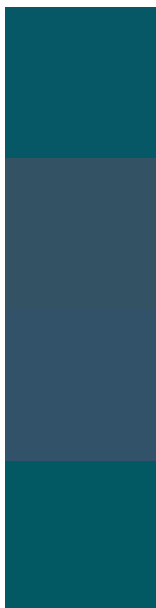
80.4690, 12.0938, -5.6733



Tritanopia

63.1870, 16.1768, -55.4150

Trichromacy



Original Color

65.1920, 18.6393, -51.9114

Protanomaly

74.6690, 11.9952, -20.7577

Deuteranomaly

74.6410, 14.4740, -22.4872

Tritanomaly

64.1270, 17.1924, -54.4854

Monochromacy



Original Color

65.1920, 18.6393, -51.9114

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0130, 6.8956, -18.4284

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.1920, 18.6393, -51.9114 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(6, 88, 103)` looks like.

```
.text, #text, p{  
    color:rgb(6, 88, 103)  
}
```

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(6, 88, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 88, 103) }
```

Border

The CSS property to change the border of an element to YUV 65.1920, 18.6393, -51.9114 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(6, 88, 103) }
```


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

```
.border{ border-color:rgb(6, 88, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 88, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 88, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 88, 103);  
box-shadow:4px 4px 4px 4px rgb(6, 88, 103)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.1920, 18.6393, -51.9114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 88, 103) }
```

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

```
.background{ background-color: rgb(6, 88,  
103) }
```

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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