

Converting Colors

YUV(58.1660, 14.7082,
-51.0116)

Have a look what the booklet for
YUV(58.1660, 14.7082, -51.0116)
contains.

YUV(58.1660, 14.7082, -51.0116)	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>	30

Color

**YUV(58.1660, 14.7082,
-51.0116)**

Conversions

Conversions Part 1

Format	Color
Hex	005258
RGB	0, 82, 88
RGB Percent	0%, 32%, 35%
CMY	1.0000, 0.6784, 0.6549
CMYK	1.00, 0.07, 0.00, 0.65
HSL	184°, 100%, 17%
HSV	184°, 100%, 35%
XYZ	4.7787, 6.7392, 10.2814
YIQ	58.1660, -50.7980, -15.5180

Conversions

Conversions Part 2

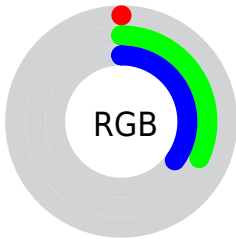
Format	Color
RYB	0, 42, 88
Decimal	21080
CIELab	31.21, -18.93, -9.69
CIELCh	31, 21.264, 207.095
Yxy	6.7392, 0.2192, 0.3091
Android (android.graphics.Color)	4278211160 (0xFF005258)
YUV	58.1660, 14.7082, -51.0116
Hunter-Lab	25.9599, -12.5712, -5.3099

Details

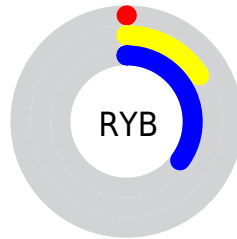
The YUV color **58.1660, 14.7082, -51.0116** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **29.8340, -14.7082, 51.0116**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.2490, 12.2022, -40.5604**, and **26.6210, 8.0748, -23.3466** is the 20% darker color. If you saturate the color by 10%, you get **58.1660, 14.7082, -51.0116**, and if you desaturate by 10%, it is **61.4440, 13.0921, -45.9934**.

Distribution



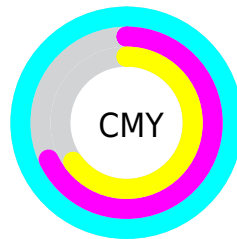
- Red (0%)
- Green (32%)
- Blue (35%)



- Red (0%)
- Yellow (16%)
- Blue (35%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.1660, 14.7082, -51.0116 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 58.1660, 14.7082, -51.0116 by changing the saturation by 10% instead.

■ 58.1660, 14.7082,
-51.0116

■ 58.1660, 14.7082,
-51.0116

■ 255.0000, 0.0000,
0.0000

■ 42.0430, 11.3178,
-36.8717

■ 113.2490, 12.2022,
-40.5604

■ 26.6210, 8.0748,
-23.3466

■ 139.5480, 12.0548,
-39.9456

■ 7.9050, 7.4418,
-6.9327

■ 166.2490, 12.2022,
-40.5604

■ 0.0000, 0.0000,
0.0000

■ 194.2490, 12.2022,
-40.5604

■ 222.3630, 12.6390,
-40.6604

■ 239.7510, 7.5178,

-31.3536

■ 248.4220, 3.2430,
-13.5251

■ 58.1660, 14.7082,
-51.0116

■ 61.4440, 13.0921,
-45.9934

■ 64.1350, 11.7654,
-40.4604

■ 67.1140, 10.2968,
-36.0570

■ 69.8050, 8.9701,
-30.5240

■ 73.0830, 7.3541,
-25.5058

■ 76.3610, 5.7380,
-20.4876

■ 79.0520, 4.4114,
-14.9546

■ 82.0310, 2.9427,
-10.5512

■ 84.7220, 1.6161,
-5.0182

Harmonies

Analogous

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



64.0020, 3.4500, -33.3278



58.1660, 14.7082, -51.0116



62.6600, 18.9016, -42.6748

Triad

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



58.1660, 14.7082, -51.0116



75.8630, 7.9555, 15.0291



72.5380, -16.0412, 11.8062

Complementary

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



58.1660, 14.7082, -51.0116



29.8340, -14.7082, 51.0116

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.



73.5870, -13.6004, 22.2872



58.1660, 14.7082, -51.0116



75.5670, 0.2135, 24.9357

Square

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



58.1660, 14.7082, -51.0116



74.6590, 13.9721, -1.4549



74.5150, -7.6489, 26.7353



70.7320, -13.6719, -1.5190

Rectangle

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



58.1660, 14.7082, -51.0116



68.0470, 18.7108, -28.1052



74.5150, -7.6489, 26.7353



72.9730, -15.7627, 15.8097

Sweetspot

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



58.1660, 14.7082, -51.0116



102.7740, 6.0274, -19.9728



52.3400, -22.8456, -45.9022



51.5470, 3.6743, -11.8807



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



58.1660, 14.7082, -51.0116



75.9190, 19.2669, -66.5810



32.3380, 27.4414, -28.3604



41.8040, 0.5896, -2.4591



70.8980, 17.7983, -62.1775



155.3430, 39.2709, -136.2358

Inverse Universe

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



35.6600, 22.8456, 45.9022



46.5830, 29.7856, 60.0017



55.6620, -27.4414, 28.3604



40.6520, 1.1576, 2.0592



43.3930, 27.9073, 55.7833



95.2310, 61.0181, 122.5774

Previews

White Background



This preview shows how the YUV color 58.1660, 14.7082, -51.0116 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 58.1660, 14.7082, -51.0116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

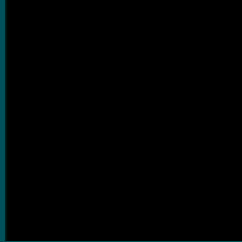
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

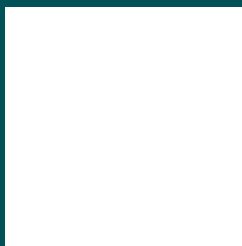
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 58.1660, 14.7082, -51.0116

Background



This preview shows how black text looks on a background with the YUV color 58.1660, 14.7082, -51.0116.



This preview shows how white text looks on a background with the YUV color 58.1660, 14.7082,

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



Protanopia

73.7270, 4.0786, -1.5146

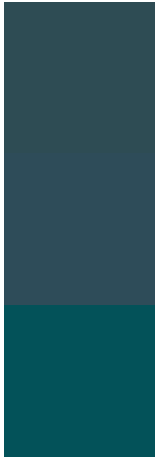
Deuteranopia

74.3510, 7.7150, -1.1848

Tritanopia

59.7750, 14.4079, -48.0377

Trichromacy



Protanomaly

67.9420, 7.9166, -19.2431

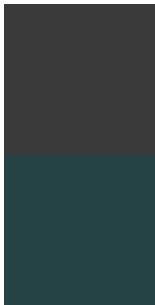
Deuteranomaly

68.5120, 10.1006, -19.7430

Tritanomaly

59.1770, 14.7027, -49.2672

Monochromacy



Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.2580, 5.2958, -18.6433

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.1660, 14.7082, -51.0116 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(0, 82, 88)` looks like.

```
.text, #text, p{  
    color:rgb(0, 82, 88)  
}
```

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(0, 82, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 82, 88) }
```

Border

The CSS property to change the border of an element to YUV 58.1660, 14.7082, -51.0116 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(0, 82, 88) }
```

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

```
.border{ border-color:rgb(0, 82, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 82, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 82, 88); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 82, 88); box-shadow:4px  
4px 4px 4px rgb(0, 82, 88) }
```


Background

The CSS property to change the background color of an element to YUV 58.1660, 14.7082, -51.0116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 82, 88) }
```

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

```
.background{ background-color: rgb(0, 82,  
88) }
```

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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