

Converting Colors

YUV(66.3500, 15.6035,
-58.1889)

Have a look what the booklet for
YUV(66.3500, 15.6035, -58.1889)
contains.

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Color

**YUV(66.3500, 15.6035,
-58.1889)**

Conversions

Conversions Part 1

Format	Color
Hex	005E62
RGB	0, 94, 98
RGB Percent	0%, 37%, 38%
CMY	1.0000, 0.6314, 0.6157
CMYK	1.00, 0.04, 0.00, 0.62
HSL	182°, 100%, 19%
HSV	182°, 100%, 38%
XYZ	6.2073, 8.8872, 12.9435
YIQ	66.3500, -57.3080, -18.6840

Conversions

Conversions Part 2

Format	Color
R _{YB}	0, 48, 98
Decimal	24162
CIE Lab	35.77, -21.78, -9.09
CIE LCh	36, 23.597, 202.649
Yxy	8.8872, 0.2214, 0.3170
Android (android.graphics.Color)	4278214242 (0xFF005E62)
YUV	66.3500, 15.6035, -58.1889
Hunter-Lab	29.8115, -15.0031, -4.8744

Details

The YUV color **66.3500, 15.6035, -58.1889** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **31.6500, -15.6034, 58.1889**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.3300, 12.6553, -45.8934**, and **33.5170, 9.1121, -29.3944** is the 20% darker color. If you saturate the color by 10%, you get **66.3500, 15.6035, -58.1889**, and if you desaturate by 10%, it is **69.3400, 14.1294, -52.0412**.

Distribution



- Red (0%)
- Green (37%)
- Blue (38%)



- Red (0%)
- Yellow (19%)
- Blue (38%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.3500, 15.6035, -58.1889 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 66.3500, 15.6035, -58.1889 by changing the saturation by 10% instead.

66.3500, 15.6035,
-58.1889

66.3500, 15.6035,
-58.1889

255.0000, 0.0000,
0.0000

49.5260, 12.0657,
-43.4343

123.3300, 12.6553,
-45.8934

33.5170, 9.1121,
-29.3944

149.6290, 12.5079,
-45.2786

19.8560, 5.0010,
-17.4137

177.6290, 12.5079,
-45.2786

0.4560, 1.7472,
-0.3999

205.3300, 12.6553,
-45.8934

0.0000, 0.0000,
0.0000

233.1730, 10.7607,
-44.8787

241.5450, 6.6333,

-27.6650

■ 250.2160, 2.3585,
-9.8364

■ 66.3500, 15.6035,
-58.1889

■ 69.3400, 14.1294,
-52.0412

■ 72.9170, 12.3659,
-46.4082

■ 75.6080, 11.0393,
-40.8752

■ 79.1850, 9.2758,
-35.2422

■ 82.1750, 7.8017,
-29.0945

■ 85.1650, 6.3277,
-22.9467

■ 88.7420, 4.5642,
-17.3137

■ 91.4330, 3.2375,
-11.7807

■ 95.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



74.3500, 2.2925, -35.3869



66.3500, 15.6035, -58.1889



69.0930, 22.1392, -54.4556

Triad

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



66.3500, 15.6035, -58.1889



86.4330, 10.1395, 14.5293



82.9900, -18.2361, 15.7948

Complementary

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



66.3500, 15.6035, -58.1889



31.6500, -15.6034, 58.1889

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.



84.3810, -14.4848, 25.9759



66.3500, 15.6035, -58.1889



86.3330, 1.8078, 26.8950

Square

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



66.3500, 15.6035, -58.1889



84.7340, 16.8931, -5.0287



85.3630, -7.0810, 31.2536



81.1730, -15.8613, 0.7253

Rectangle

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



66.3500, 15.6035, -58.1889



76.6870, 21.3533, -35.6825



85.3630, -7.0810, 31.2536



83.5390, -17.5207, 19.6983

Sweetspot

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



66.3500, 15.6035, -58.1889



115.1650, 6.3277, -22.9467



57.8680, -27.0499, -50.7502



56.5360, 3.6798, -13.6251



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.



66.3500, 15.6035, -58.1889



86.2060, 20.6044, -75.6027



38.1740, 29.4942, -33.4786



46.8040, 0.5896, -2.4591



76.1640, 17.6671, -66.7958



162.3700, 38.2716, -142.3985

Inverse Universe

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



40.0180, 26.6131, 50.8502



52.1800, 34.4213, 66.4941



59.8260, -29.4942, 33.4786



45.6520, 1.1576, 2.0592



45.8000, 30.6646, 58.0574



97.9800, 65.0859, 124.5515

Previews

White Background



This preview shows how the YUV color 66.3500, 15.6035, -58.1889 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 66.3500, 15.6035, -58.1889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

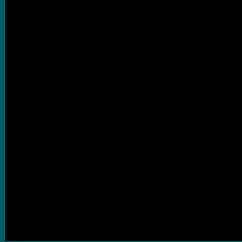
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.3500, 15.6035, -58.1889

Background



This preview shows how black text looks on a background with the YUV color 66.3500, 15.6035, -58.1889.



This preview shows how white text looks on a background with the YUV color 66.3500, 15.6035,

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

66.3500, 15.6035, -58.1889

Protanopia

84.7980, 3.0576, -0.6998

Deuteranopia

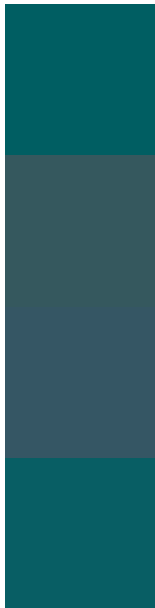
84.7640, 8.0043, -0.6700



Tritanopia

70.2800, 15.1450, -51.1116

Trichromacy



Original Color

66.3500, 15.6035, -58.1889

Protanomaly

78.2190, 7.7800, -22.1171

Deuteranomaly

77.7290, 10.9796, -21.6873

Tritanomaly

68.9700, 15.2978, -53.4707

Monochromacy



Original Color

66.3500, 15.6035, -58.1889

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.0620, 5.8854, -21.1024

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.3500, 15.6035, -58.1889 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, 94, 98)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 98)  
}
```

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, 94, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 98) }
```

Border

The CSS property to change the border of an element to YUV 66.3500, 15.6035, -58.1889 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, 94, 98) }
```


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

```
.border{ border-color:rgb(0, 94, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 94, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 98); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 94, 98); box-shadow:4px  
4px 4px 4px rgb(0, 94, 98) }
```

Background

The CSS property to change the background color of an element to YUV 66.3500, 15.6035, -58.1889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 98) }
```

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

```
.background{ background-color: rgb(0, 94,  
98) }
```

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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