

Converting Colors

YUV(66.1680, 25.0602,
-58.0293)

Have a look what the booklet for
YUV(66.1680, 25.0602, -58.0293)
contains.

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Color

**YUV(66.1680, 25.0602,
-58.0293)**

Conversions

Conversions Part 1

Format	Color
Hex	005A75
RGB	0, 90, 117
RGB Percent	0%, 35%, 46%
CMY	1.0000, 0.6471, 0.5412
CMYK	1.00, 0.23, 0.00, 0.54
HSL	194°, 100%, 23%
HSV	194°, 100%, 46%
XYZ	6.8671, 8.5967, 18.1270
YIQ	66.1680, -62.3070, -10.6830

Conversions

Conversions Part 2

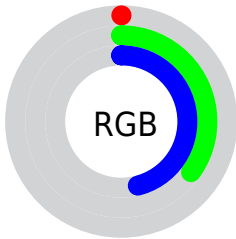
Format	Color
RYB	0, 51, 117
Decimal	23157
CIELab	35.20, -12.42, -21.75
CIElCh	35, 25.052, 240.270
Yxy	8.5967, 0.2044, 0.2559
Android (android.graphics.Color)	4278213237 (0xFF005A75)
YUV	66.1680, 25.0602, -58.0293
Hunter-Lab	29.3201, -9.5038, -16.1317

Details

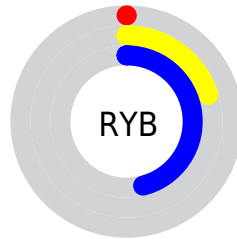
The YUV color **66.1680, 25.0602, -58.0293** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **50.8320, -25.0602, 58.0293**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.5720, 22.3960, -43.4746**, and **33.6940, 17.4059, -29.5496** is the 20% darker color. If you saturate the color by 10%, you get **66.1680, 25.0602, -58.0293**, and if you desaturate by 10%, it is **71.5170, 22.4231, -52.1964**.

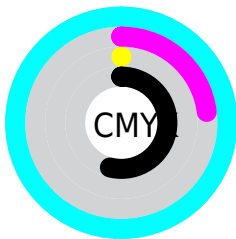
Distribution



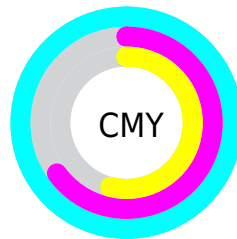
- Red (0%)
- Green (35%)
- Blue (46%)



- Red (0%)
- Yellow (20%)
- Blue (46%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (65%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.1680, 25.0602, -58.0293 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 66.1680, 25.0602, -58.0293 by changing the saturation by 10% instead.

■ 66.1680, 25.0602,
-58.0293

■ 66.1680, 25.0602,
-58.0293

■ 255.0000, 0.0000,
0.0000

■ 49.8170, 20.7962,
-43.6895

■ 123.5720, 22.3960,
-43.4746

■ 33.6940, 17.4059,
-29.5496

■ 150.2840, 22.5380,
-42.3451

■ 19.9190, 12.8579,
-17.4690

■ 178.3980, 22.9748,
-42.4450

■ 3.4370, 10.6306,
-3.0142

■ 206.3980, 22.9748,
-42.4450

■ 0.0000, 0.0000,
0.0000

■ 231.4340, 11.6180,
-39.8456

■ 243.0400, 5.8963,

-24.5911

252.0100, 1.4741,
-6.1478

66.1680, 25.0602,
-58.0293

71.5170, 22.4231,
-52.1964

75.9800, 20.2229,
-46.4635

81.3290, 17.5858,
-40.6305

86.6780, 14.9487,
-34.7976

91.4400, 12.6011,
-28.4499

■ 96.4900, 10.1114,
-23.2317

■ 101.8390, 7.4744,
-17.3988

■ 107.1880, 4.8373,
-11.5659

■ 111.6510, 2.6371,
-5.8329

Harmonies

Analogous

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



66.2190, 17.6400, -58.0741



66.1680, 25.0602, -58.0293



79.4650, 21.4628, -24.0868

Triad

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



66.1680, 25.0602, -58.0293



84.6710, -0.8238, 30.9835



79.4390, -15.9924, -3.8930

Complementary

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



66.1680, 25.0602, -58.0293



50.8320, -25.0602, 58.0293

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.



81.3270, -19.3882, 11.9912



66.1680, 25.0602, -58.0293



83.6790, -9.7017, 31.8535

Square

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



66.1680, 25.0602, -58.0293



85.1240, 8.8129, 20.0623



82.8000, -16.6634, 24.7314



75.4350, -6.6235, -22.3065

Rectangle

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



66.1680, 25.0602, -58.0293



83.0650, 18.2090, -7.0730



82.8000, -16.6634, 24.7314



80.0160, -17.7559, 1.7400

Sweetspot

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



66.1680, 25.0602, -58.0293



132.7890, 9.9640, -22.6170



71.5290, -22.9388, -62.7309



64.5190, 6.1531, -13.6102



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



66.1680, 25.0602, -58.0293



86.7080, 32.6820, -76.0429



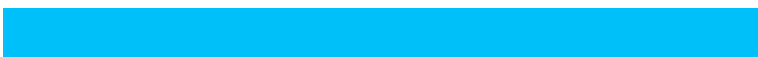
32.7090, 41.5555, -28.6858



56.0320, 1.4632, -2.6591



69.0860, 26.0866, -60.5884



141.2040, 53.6364, -123.8359

Inverse Universe

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



45.2430, 22.0652, 62.9309



59.1990, 28.9889, 82.2635



84.2910, -41.5555, 28.6858



55.2500, 0.8628, 3.2888



47.1940, 23.0754, 65.6049



96.6380, 47.0135, 134.4985

Previews

White Background



This preview shows how the YUV color 66.1680, 25.0602, -58.0293 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 66.1680, 25.0602, -58.0293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

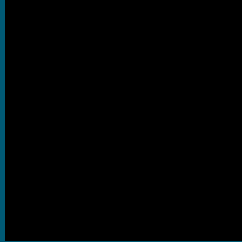
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.1680, 25.0602, -58.0293

Background



This preview shows how black text looks on a background with the YUV color 66.1680, 25.0602, -58.0293.



This preview shows how white text looks on a background with the YUV color 66.1680, 25.0602,

-58.0293.

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

66.1680, 25.0602, -58.0293

Protanopia

83.2130, 13.6990, -7.2028

Deuteranopia

82.3310, 18.0778, -11.6913



Tritanopia

65.2900, 16.6190, -57.2593

Trichromacy



Original Color

66.1680, 25.0602, -58.0293

Protanomaly

77.1290, 17.6844, -25.5461

Deuteranomaly

76.5030, 20.4580, -28.5051

Tritanomaly

65.5010, 19.9660, -57.4444

Monochromacy



Original Color

66.1680, 25.0602, -58.0293

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.2730, 9.2324, -21.2874

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.1680, 25.0602, -58.0293 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, 90, 117)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 117)  
}
```

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, 90, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 117) }
```

Border

The CSS property to change the border of an element to YUV 66.1680, 25.0602, -58.0293 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, 90, 117) }
```


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

```
.border{ border-color:rgb(0, 90, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 90, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 117);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 117)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.1680, 25.0602, -58.0293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 117) }
```

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

```
.background{ background-color: rgb(0, 90,  
117) }
```

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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