

Converting Colors

YUV(66.2890, 58.5245,
-58.1355)

Have a look what the booklet for
YUV(66.2890, 58.5245, -58.1355)
contains.

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Color

**YUV(66.2890, 58.5245,
-58.1355)**

Conversions

Conversions Part 1

Format	Color
Hex	004DB9
RGB	0, 77, 185
RGB Percent	0%, 30%, 73%
CMY	1.0000, 0.6980, 0.2745
CMYK	1.00, 0.58, 0.00, 0.27
HSL	215°, 100%, 36%
HSV	215°, 100%, 73%
XYZ	11.4108, 8.8105, 46.9981
YIQ	66.2890, -80.5600, 17.2640

Conversions

Conversions Part 2

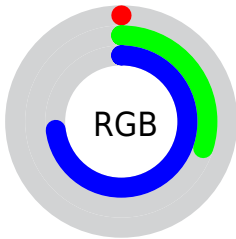
Format	Color
R _{YB}	0, 54, 185
Decimal	19897
CIE _{Lab}	35.62, 24.17, -62.15
CIE _{LCh}	36, 66.689, 291.251
Y _{xy}	8.8105, 0.1698, 0.1311
Android (android.graphics.Color)	4278209977 (0xFF004DB9)
YUV	66.2890, 58.5245, -58.1355
Hunter-Lab	29.6825, 16.6761, -73.0996

Details

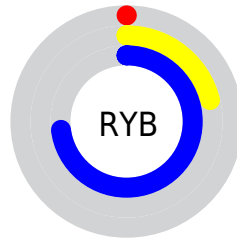
The YUV color **66.2890, 58.5245, -58.1355** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **118.7110, -58.5245, 58.1355**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.0690, 55.6750, -30.7555**, and **35.4790, 47.0919, -31.1151** is the 20% darker color. If you saturate the color by 10%, you get **66.2890, 58.5245, -58.1355**, and if you desaturate by 10%, it is **78.1280, 52.6879, -52.7323**.

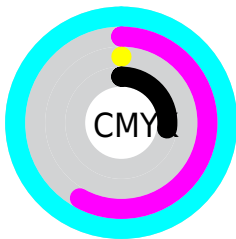
Distribution



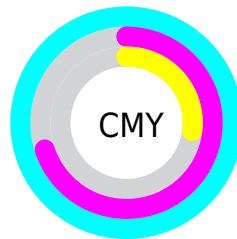
- Red (0%)
- Green (30%)
- Blue (73%)



- Red (0%)
- Yellow (21%)
- Blue (73%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (27%)


















- Cyan (100%)
- Magenta (70%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.2890, 58.5245, -58.1355 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 66.2890, 58.5245, -58.1355 by changing the saturation by 10% instead.

 66.2890, 58.5245, -58.1355	 66.2890, 58.5245, -58.1355
255.0000, 0.0000, 0.0000	 50.2970, 53.0976, -44.1105
 129.0690, 55.6750, -30.7555	 35.4790, 47.0919, -31.1151
 155.3810, 49.1122, -25.7671	 21.3620, 41.2335, -18.7345
 179.6130, 37.1658, -20.7086	 12.6420, 33.2075, -11.0870
 205.0190, 24.6406, -16.6797	 9.3190, 23.0137, -8.1728
 230.4250, 12.1155, -12.6507	 5.0500, 14.2723, -4.4289
 252.6080, 1.1793,	 0.7980, 3.0576,

-4.9182

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 66.2890, 58.5245,
-58.1355

■ 78.1280, 52.6879,
-52.7323

■ 90.2660, 46.7039,
-46.7143

■ 101.8170, 41.0092,
-40.1815

■ 113.6560, 35.1726,
-34.7783

■ 125.7940, 29.1886,
-28.7603

■ 137.6330, 23.3519,
-23.3571

■ 149.7710, 17.3679,
-17.3392

■ 161.0230, 11.8207,
-11.4212

■ 173.1610, 5.8366,
-5.4032

Harmonies

Analogous

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



78.1260, 55.6469, -68.5165



66.2890, 58.5245, -58.1355



82.0260, 34.4972, 42.0732

Triad

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



66.2890, 58.5245, -58.1355



73.6240, -36.2966, 68.7358



68.5720, -1.2680, -60.1376

Complementary

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



66.2890, 58.5245, -58.1355



118.7110, -58.5245, 58.1355

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.



59.2870, -29.2285, -51.9947



66.2890, 58.5245, -58.1355



79.2960, -39.0929, 32.1894

Square

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



66.2890, 58.5245, -58.1355



57.0140, -3.9509, 100.8427



74.0370, -36.5002, -6.1714



76.0160, 22.1771, -66.6660

Rectangle

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



66.2890, 58.5245, -58.1355



63.4550, 27.3837, 83.7930



74.0370, -36.5002, -6.1714



66.4060, -9.5672, -58.2381

Sweetspot

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



66.2890, 58.5245, -58.1355



193.8180, 22.7677, -22.6424



120.9070, -6.3632, -106.0354



92.4680, 13.5733, -13.5654



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



66.2890, 58.5245, -58.1355



86.0600, 75.8924, -75.4746



25.5750, 78.5965, -9.2743



85.7870, 3.0630, -2.4442



55.9390, 49.3301, -49.0585



10.2360, 8.7577, -8.9770

Inverse Universe

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



64.0930, 6.3632, 106.0354



83.1600, 8.3021, 137.5487



159.4250, -78.5965, 9.2743



86.0330, -0.0163, 5.2331



54.0540, 5.3964, 89.4066



9.7400, 1.1142, 16.0140

Previews

White Background



This preview shows how the YUV color 66.2890, 58.5245, -58.1355 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 66.2890, 58.5245, -58.1355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

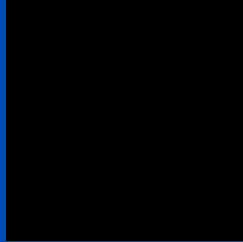
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.2890, 58.5245, -58.1355

Background



This preview shows how black text looks on a background with the YUV color 66.2890, 58.5245, -58.1355.



This preview shows how white text looks on a background with the YUV color 66.2890, 58.5245,

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

67.0410, 51.2518, -58.7950

Deuteranopia

67.2400, 39.3217, -58.9695

Tritanopia

65.8770, 16.3296, -57.7741

Trichromacy



Protanomaly

67.0240, 53.7252, -58.7800

Deuteranomaly

67.0750, 46.3050, -58.8248

Tritanomaly

65.8890, 31.6067, -57.7847

Monochromacy



Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.0740, 21.1625, -21.1129

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.2890, 58.5245, -58.1355 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, 77, 185)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 185)  
}
```

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, 77, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 185) }
```

Border

The CSS property to change the border of an element to YUV 66.2890, 58.5245, -58.1355 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, 77, 185) }
```

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

```
.border{ border-color:rgb(0, 77, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 77, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 77, 185);  
box-shadow:4px 4px 4px 4px rgb(0, 77, 185)  
}
```


Background

The CSS property to change the background color of an element to YUV 66.2890, 58.5245, -58.1355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 77, 185) }
```

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

```
.background{ background-color: rgb(0, 77,  
185) }
```

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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