

Converting Colors

YUV(74.8320, 58.2568,
-65.6277)

Have a look what the booklet for
YUV(74.8320, 58.2568, -65.6277)
contains.

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Color

**YUV(74.8320, 58.2568,
-65.6277)**

Conversions

Conversions Part 1

Format	Color
Hex	005AC1
RGB	0, 90, 193
RGB Percent	0%, 35%, 76%
CMY	1.0000, 0.6471, 0.2431
CMYK	1.00, 0.53, 0.00, 0.24
HSL	212°, 100%, 38%
HSV	212°, 100%, 76%
XYZ	13.2818, 11.1626, 51.9066
YIQ	74.8320, -86.7030, 12.9530

Conversions

Conversions Part 2

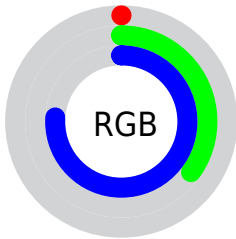
Format	Color
RYB	0, 61, 193
Decimal	23233
CIELab	39.85, 18.72, -59.94
CIElCh	40, 62.794, 287.343
Yxy	11.1626, 0.1740, 0.1462
Android (android.graphics.Color)	4278213313 (0xFF005AC1)
YUV	74.8320, 58.2568, -65.6277
Hunter-Lab	33.4105, 12.4916, -68.7259

Details

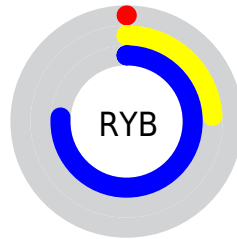
The YUV color **74.8320, 58.2568, -65.6277** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed blue. A complement of this color would be **118.1680, -58.2568, 65.6277**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.7970, 54.8231, -37.5330**, and **42.7340, 46.9661, -37.4777** is the 20% darker color. If you saturate the color by 10%, you get **74.8320, 58.2568, -65.6277**, and if you desaturate by 10%, it is **86.3830, 52.5622, -59.0949**.

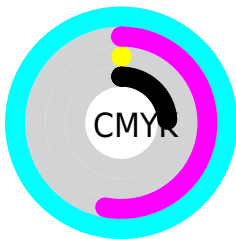
Distribution



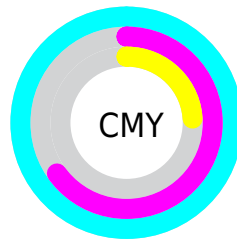
- Red (0%)
- Green (35%)
- Blue (76%)



- Red (0%)
- Yellow (24%)
- Blue (76%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (65%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8320, 58.2568, -65.6277 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 74.8320, 58.2568, -65.6277 by changing the saturation by 10% instead.

■ 74.8320, 58.2568,
-65.6277

■ 74.8320, 58.2568,
-65.6277

■ 255.0000, 0.0000,
0.0000

■ 58.1390, 52.6825,
-50.9879

■ 138.7970, 54.8231,
-37.5330

■ 42.7340, 46.9661,
-37.4777

■ 164.1970, 44.7659,
-31.7448

■ 28.6170, 41.1078,
-25.0971

■ 189.0160, 32.5301,
-27.2010

■ 9.9180, 38.0014,
-8.6981

■ 214.4220, 20.0050,
-23.1721

■ 10.7040, 25.7819,
-9.3874

■ 240.7140, 7.0430,
-19.0432

■ 6.3210, 16.6037,
-5.5435

■ 253.2060, 0.8844,

■ 2.6390, 7.5730,

-3.6887

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 74.8320, 58.2568,
-65.6277

■ 86.3830, 52.5622,
-59.0949

■ 98.8200, 46.4307,
-52.4621

■ 110.3710, 40.7361,
-45.9294

■ 121.9220, 35.0415,
-39.3966

■ 133.7720, 29.1994,
-32.2490

■ 145.9100, 23.2154,
-26.2311

■ 157.4610, 17.5207,
-19.6983

■ 169.0120, 11.8261,
-13.1655

■ 181.4490, 5.6946,
-6.5328

Harmonies

Analogous

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



84.4520, 54.5002, -74.0644



74.8320, 58.2568, -65.6277



94.8460, 34.0929, 31.7071

Triad

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



74.8320, 58.2568, -65.6277



85.3900, -34.7023, 70.6950



75.4850, -2.7041, -66.2003

Complementary

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



74.8320, 58.2568, -65.6277



118.1680, -58.2568, 65.6277

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.



65.5960, -27.9018, -57.5277



74.8320, 58.2568, -65.6277



88.7760, -43.7666, 37.9074

Square

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



74.8320, 58.2568, -65.6277



78.4920, -5.6656, 90.7765



85.3000, -42.0529, 1.4909



82.1140, 20.1568, -72.0140

Rectangle

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



74.8320, 58.2568, -65.6277



88.6670, 22.3492, 65.1900



85.3000, -42.0529, 1.4909



72.2590, -9.9877, -63.3711

Sweetspot

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



74.8320, 58.2568, -65.6277



204.0950, 22.6312, -25.5163



125.0330, -10.8623, -109.6539



97.4570, 13.5787, -15.3098



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



74.8320, 58.2568, -65.6277



97.1790, 75.3408, -85.2260



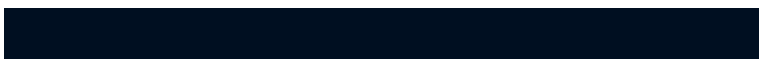
23.7960, 83.4176, -15.6071



91.0750, 2.9210, -3.5738



62.3790, 48.6202, -54.7064



12.5670, 10.0735, -11.0213

Inverse Universe

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



67.9670, 10.8623, 109.6539



88.0880, 14.2536, 141.9968



169.2040, -83.4176, 15.6071



90.5600, 0.7099, 5.6479



56.6890, 9.0273, 91.4807



11.5770, 1.6875, 18.7880

Previews

White Background



This preview shows how the YUV color 74.8320, 58.2568, -65.6277 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 × Fail

Black Background



This preview shows how the YUV color 74.8320, 58.2568, -65.6277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

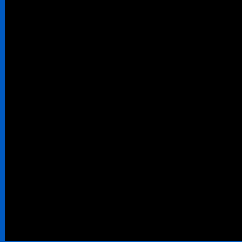
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8320, 58.2568, -65.6277

Background



This preview shows how black text looks on a background with the YUV color 74.8320, 58.2568, -65.6277.



This preview shows how white text looks on a background with the YUV color 74.8320, 58.2568, -65.6277.

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

74.7180, 57.8200, -65.5277

Deuteranopia

75.2760, 44.7269, -66.0171

Tritanopia

73.7020, 18.3879, -64.6367

Trichromacy



Protanomaly

74.7180, 57.8200, -65.5277

Deuteranomaly

75.2420, 49.6737, -65.9872

Tritanomaly

74.1870, 32.9388, -65.0620

Monochromacy



Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.7640, 21.3153, -23.4720

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8320, 58.2568, -65.6277 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 193) }
```

Border

The CSS property to change the border of an element to YUV 74.8320, 58.2568, -65.6277 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, 193) }
```

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

```
.border{ border-color:rgb(0, 90, 193) }
```

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, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 193)  
}
```


Background

The CSS property to change the background color of an element to YUV 74.8320, 58.2568, -65.6277 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, 193) }
```

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

```
.background{ background-color: rgb(0, 90,  
193) }
```

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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