

# Converting Colors

YUV(74.9460, 58.6936,  
-65.7276)

Have a look what the booklet for  
YUV(74.9460, 58.6936, -65.7276)  
contains.

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# Color

**YUV(74.9460, 58.6936,  
-65.7276)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005AC2
RGB	0, 90, 194
RGB Percent	0%, 35%, 76%
CMY	1.0000, 0.6471, 0.2392
CMYK	1.00, 0.54, 0.00, 0.24
HSL	212°, 100%, 38%
HSV	212°, 100%, 76%
XYZ	13.3938, 11.2074, 52.4962
YIQ	74.9460, -87.0240, 13.2640

# Conversions

## Conversions Part 2

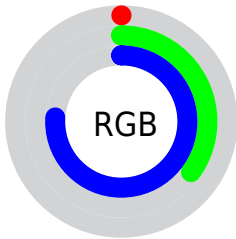
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 61, 194
Decimal	23234
CIELab	39.93, 19.12, -60.40
CIELCh	40, 63.355, 287.569
Yxy	11.2074, 0.1737, 0.1454
Android (android.graphics.Color)	4278213314 (0xFF005AC2)
YUV	74.9460, 58.6936, -65.7276
Hunter-Lab	33.4774, 12.8295, -69.5390

# Details

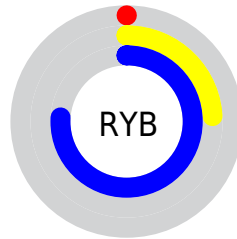
The YUV color **74.9460, 58.6936, -65.7276** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed blue. A complement of this color would be **119.0540, -58.6936, 65.7276**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.9110, 55.2599, -37.6329**, and **42.8480, 47.4029, -37.5777** is the 20% darker color. If you saturate the color by 10%, you get **74.9460, 58.6936, -65.7276**, and if you desaturate by 10%, it is **86.4970, 52.9990, -59.1949**.

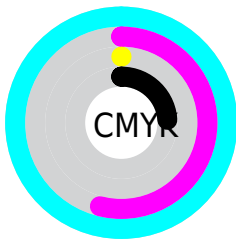
# Distribution



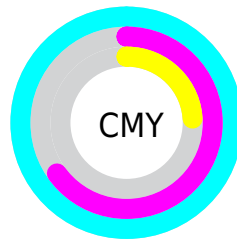
- Red (0%)
- Green (35%)
- Blue (76%)



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



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (24%)



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

# Brightness & Saturation Gradients

These gradients show how the YUV color 74.9460, 58.6936, -65.7276 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 74.9460, 58.6936, -65.7276 by changing the saturation by 10% instead.



■ 74.9460, 58.6936,  
-65.7276

■ 74.9460, 58.6936,  
-65.7276

■ 255.0000, 0.0000,  
0.0000

■ 58.2530, 53.1193,  
-51.0879

■ 138.9110, 55.2599,  
-37.6329

■ 42.8480, 47.4029,  
-37.5777

■ 164.1970, 44.7659,  
-31.7448

■ 28.7310, 41.5446,  
-25.1971

■ 189.3150, 32.3827,  
-26.5863

■ 10.0320, 38.4382,  
-8.7981

■ 214.7210, 19.8575,  
-22.5573

■ 11.4050, 25.9293,  
-10.0022

■ 240.7140, 7.0430,  
-19.0432

■ 6.4350, 17.0405,  
-5.6435

■ 253.5050, 0.7370,

■ 2.7530, 8.0098,

-3.0739

-2.4144

■ 0.0000, 0.0000,  
0.0000

■ 74.9460, 58.6936,  
-65.7276

■ 86.4970, 52.9990,  
-59.1949

■ 98.9340, 46.8675,  
-52.5621

■ 110.4850, 41.1729,  
-46.0293

■ 122.9220, 35.0415,  
-39.3966

■ 134.4730, 29.3468,  
-32.8638

■ 146.0240, 23.6522,  
-26.3310

■ 158.4610, 17.5207,  
-19.6983

■ 170.0120, 11.8261,  
-13.1655

■ 182.4490, 5.6946,  
-6.5328

# Harmonies

## Analogous

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



85.1530, 54.6476, -74.6792



74.9460, 58.6936, -65.7276



95.2590, 34.3823, 32.2219

# Triad

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



74.9460, 58.6936, -65.7276



85.2760, -35.1391, 70.7949



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.



74.9460, 58.6936, -65.7276



119.0540, -58.6936, 65.7276

# 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.



65.4820, -28.3386, -57.4277



74.9460, 58.6936, -65.7276



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.



74.9460, 58.6936, -65.7276



78.0900, -5.9604, 92.0061



85.0010, -41.9055, 0.8761



82.2280, 20.5936, -72.1140



# Rectangle

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



74.9460, 58.6936, -65.7276



88.4930, 22.9280, 66.2196



85.0010, -41.9055, 0.8761



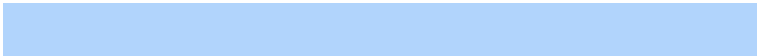
72.8460, -10.2771, -63.8859

# Sweetspot

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



74.9460, 58.6936, -65.7276



206.0950, 22.6312, -25.5163



125.6200, -11.1517, -110.1687



99.5710, 14.0155, -15.4098



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



74.9460, 58.6936, -65.7276



97.4070, 76.2143, -85.4259



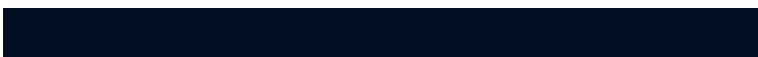
23.9100, 83.8544, -15.7071



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.



68.2660, 10.7149, 110.2687



88.6860, 13.9588, 143.2264



170.0900, -83.8544, 15.7071



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 74.9460, 58.6936, -65.7276 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 74.9460, 58.6936, -65.7276 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

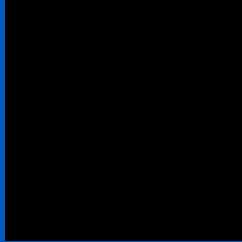
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 74.9460, 58.6936, -65.7276

## Background



This preview shows how black text looks on a background with the YUV color 74.9460, 58.6936, -65.7276.



This preview shows how white text looks on a background with the YUV color 74.9460, 58.6936, -65.7276.



# 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

74.9460, 58.6936, -65.7276

### Protanopia

74.7180, 57.8200, -65.5277

### Tritanopia

73.7020, 18.3879, -64.6367

# Trichromacy



## Original Color

74.9460, 58.6936, -65.7276

## Protanomaly

74.8320, 58.2568, -65.6277

## Tritanomaly

74.1870, 32.9388, -65.0620

# Monochromacy



## Original Color

74.9460, 58.6936, -65.7276

## 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 74.9460, 58.6936, -65.7276 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 194) }
```

## Border

The CSS property to change the border of an element to YUV 74.9460, 58.6936, -65.7276 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, 194) }
```

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

```
.border{ border-color:rgb(0, 90, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 194)  
}
```



# Background

The CSS property to change the background color of an element to YUV 74.9460, 58.6936, -65.7276 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, 194) }
```

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

```
.background{ background-color: rgb(0, 90,  
194) }
```

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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