

Converting Colors

YUV(85.6460, 60.3205,
-74.2345)

Have a look what the booklet for
YUV(85.6460, 60.3205, -74.2345)
contains.

YUV(85.6460, 60.3205, -74.2345)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(85.6460, 60.3205,
-74.2345)**

Conversions

Conversions Part 1

Format	Color
Hex	0169D0
RGB	1, 105, 208
RGB Percent	0%, 41%, 82%
CMY	0.9961, 0.5882, 0.1843
CMYK	1.00, 0.50, 0.00, 0.18
HSL	210°, 99%, 41%
HSV	210°, 100%, 82%
XYZ	16.4493, 14.6637, 61.6379
YIQ	85.6460, -95.0470, 9.9850

Conversions

Conversions Part 2

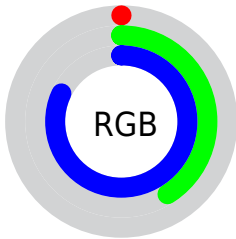
Format	Color
RYB	1, 70, 208
Decimal	92624
CIELab	45.17, 14.97, -59.98
CIELCh	45, 61.822, 284.016
Yxy	14.6637, 0.1773, 0.1581
Android (android.graphics.Color)	4278282704 (0xFF0169D0)
YUV	85.6460, 60.3205, -74.2345
Hunter-Lab	38.2932, 9.6636, -68.6299

Details

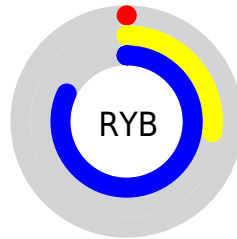
The YUV color **85.6460, 60.3205, -74.2345** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **123.3540, -60.3205, 74.2345**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.9550, 51.7872, -43.8105**, and **52.0750, 49.7560, -45.6698** is the 20% darker color. If you saturate the color by 10%, you get **85.3470, 60.4679, -74.8493**, and if you desaturate by 10%, it is **97.7950, 54.3311, -66.4722**.

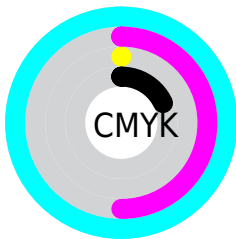
Distribution



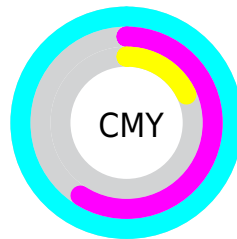
- Red (0%)
- Green (41%)
- Blue (82%)



- Red (0%)
- Yellow (27%)
- Blue (82%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (59%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.6460, 60.3205, -74.2345 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 85.6460, 60.3205, -74.2345 by changing the saturation by 10% instead.

■ 85.6460, 60.3205,
-74.2345

■ 85.6460, 60.3205,
-74.2345

■ 255.0000, 0.0000,
0.0000

■ 68.0670, 55.1830,
-59.6948

■ 149.9550, 51.7872,
-43.8105

■ 52.0750, 49.7560,
-45.6698

■ 175.3720, 39.2566,
-38.0372

■ 37.2570, 43.7503,
-32.6744

■ 201.0770, 26.5840,
-33.3935

■ 23.1400, 37.8920,
-20.2938

■ 226.7820, 13.9115,
-28.7498

■ 13.9470, 30.5921,
-12.2315

■ 246.0300, 4.4222,
-18.4433

■ 8.2760, 21.5559,
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 85.6460, 60.3205,
-74.2345

■ 85.6460, 60.3205,
-74.2345

■ 85.3470, 60.4679,
-74.8493

■ 97.7950, 54.3311,
-66.4722

■ 110.5310, 48.0522,
-59.2247

■ 122.3810, 42.2102,
-52.0771

■ 134.5300, 36.2207,
-44.3148

■ 147.2660, 29.9419,
-37.0673

■ 159.4150, 23.9524,
-29.3050

■ 171.5640, 17.9629,
-21.5426

■ 184.0010, 11.8315,
-14.9099

■ 196.1500, 5.8421,
-7.1475

Harmonies

Analogous

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



94.6250, 55.4009, -82.9861



85.6460, 60.3205, -74.2345



109.8560, 35.5670, 25.5593

Triad

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



85.6460, 60.3205, -74.2345



100.2100, -31.6555, 73.4838



83.8000, -3.8454, -73.4926

Complementary

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



85.6460, 60.3205, -74.2345



123.3540, -60.3205, 74.2345

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.



87.4520, -32.7608, -38.9844



85.6460, 60.3205, -74.2345



100.6260, -49.6086, 45.0550

Square

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



85.6460, 60.3205, -74.2345



96.7690, -5.8021, 87.9026



97.7370, -48.1843, 8.1237



91.1300, 19.1629, -79.9210

Rectangle

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



85.6460, 60.3205, -74.2345



105.5630, 23.3864, 59.1422



97.7370, -48.1843, 8.1237



81.2750, -10.9816, -71.2782

Sweetspot

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



85.6460, 60.3205, -74.2345



209.9700, 22.1998, -27.1607



133.9090, -16.2241, -116.5612



100.7450, 13.4367, -16.4394



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.



85.6460, 60.3205, -74.2345



104.2060, 74.3414, -91.3887



26.3590, 89.5490, -22.2398



98.1890, 3.3578, -3.6738



69.0470, 48.7838, -60.5542



16.4140, 12.1209, -14.3951

Inverse Universe

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



74.7490, 14.9137, 116.8611



90.8370, 18.3214, 143.9710



182.6410, -89.5490, 22.2398



97.8590, 0.5625, 6.2627



59.9220, 12.3635, 94.7844



14.5390, 2.6923, 23.2063

Previews

White Background



This preview shows how the YUV color 85.6460, 60.3205, -74.2345 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 85.6460, 60.3205, -74.2345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

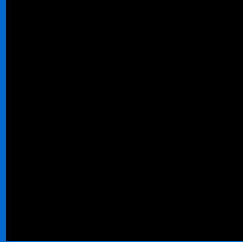
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.6460, 60.3205, -74.2345

Background



This preview shows how black text looks on a background with the YUV color 85.6460, 60.3205, -74.2345.



This preview shows how white text looks on a background with the YUV color 85.6460, 60.3205,

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

85.6460, 60.3205, -74.2345

Protanopia

97.6990, 53.3924, -45.3400

Deuteranopia

85.6430, 51.4480, -75.1089



Tritanopia

83.6300, 20.8884, -73.3435

Trichromacy



Original Color

85.6460, 60.3205, -74.2345

Protanomaly

93.6160, 55.8983, -55.7912

Deuteranomaly

85.8540, 54.7950, -75.2940

Tritanomaly

84.1150, 35.4393, -73.7689

Monochromacy



Original Color

85.6460, 60.3205, -74.2345

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.8560, 21.7630, -27.0607

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.6460, 60.3205, -74.2345 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(1, 105, 208)` looks like.

```
.text, #text, p{  
    color:rgb(1, 105, 208)  
}
```

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(1, 105, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 105, 208) }
```

Border

The CSS property to change the border of an element to YUV 85.6460, 60.3205, -74.2345 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(1, 105, 208) }
```


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

```
.border{ border-color:rgb(1, 105, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 105, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 105, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 105, 208);  
box-shadow:4px 4px 4px 4px rgb(1, 105,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 85.6460, 60.3205, -74.2345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 105, 208) }
```

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

```
.background{ background-color: rgb(1, 105,  
208) }
```

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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