

Converting Colors

YUV(74.2840, 35.8490,
-65.1471)

Have a look what the booklet for
YUV(74.2840, 35.8490, -65.1471)
contains.

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Color

**YUV(74.2840, 35.8490,
-65.1471)**

Conversions

Conversions Part 1

Format	Color
Hex	006293
RGB	0, 98, 147
RGB Percent	0%, 38%, 58%
CMY	1.0000, 0.6157, 0.4235
CMYK	1.00, 0.33, 0.00, 0.42
HSL	200°, 100%, 29%
HSV	200°, 100%, 58%
XYZ	9.6341, 10.8419, 29.1887
YIQ	74.2840, -74.1370, -5.5370

Conversions

Conversions Part 2

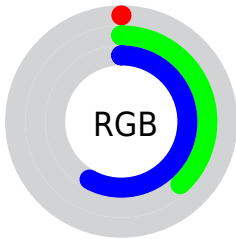
Format	Color
RYB	0, 59, 147
Decimal	25235
CIELab	39.31, -5.29, -33.59
CIELCh	39, 34.005, 261.051
Yxy	10.8419, 0.1940, 0.2183
Android (android.graphics.Color)	4278215315 (0xFF006293)
YUV	74.2840, 35.8490, -65.1471
Hunter-Lab	32.9271, -5.3951, -29.5095

Details

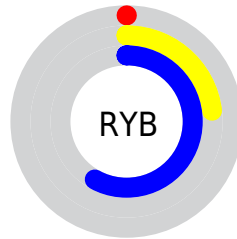
The YUV color **74.2840, 35.8490, -65.1471** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **72.7160, -35.8490, 65.1471**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.3080, 32.8792, -45.8741**, and **41.4680, 26.8843, -36.3674** is the 20% darker color. If you saturate the color by 10%, you get **74.2840, 35.8490, -65.1471**, and if you desaturate by 10%, it is **81.7040, 32.1909, -58.4994**.

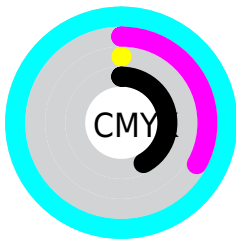
Distribution



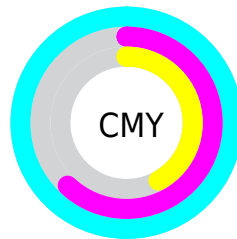
- Red (0%)
- Green (38%)
- Blue (58%)



- Red (0%)
- Yellow (23%)
- Blue (58%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.2840, 35.8490, -65.1471 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 74.2840, 35.8490, -65.1471 by changing the saturation by 10% instead.

■ 74.2840, 35.8490,
-65.1471

■ 74.2840, 35.8490,
-65.1471

■ 255.0000, 0.0000,
0.0000

■ 57.2320, 31.4376,
-50.1925

■ 134.3080, 32.8792,
-45.8741

■ 41.4680, 26.8843,
-36.3674

■ 162.4330, 33.3105,
-44.2297

■ 26.4050, 22.4783,
-23.1572

■ 189.8030, 32.1421,
-42.8002

■ 7.9340, 20.2455,
-6.9581

■ 214.6110, 19.9118,
-40.0008

■ 3.6650, 11.5042,
-3.2142

■ 238.2560, 8.2548,
-34.4275

■ 0.0000, 0.0000,
0.0000

■ 246.9270, 3.9800,

-16.5990

■ 74.2840, 35.8490,
-65.1471

■ 81.7040, 32.1909,
-58.4994

■ 88.8250, 28.6803,
-52.4665

■ 96.2450, 25.0222,
-45.8189

■ 103.6650, 21.3642,
-39.1712

■ 111.0850, 17.7061,
-32.5235

■ 117.6190, 14.4848,
-25.9759

■ 125.0390, 10.8268,
-19.3282

■ 132.4590, 7.1687,
-12.6805

■ 139.5800, 3.6581,
-6.6477

Harmonies

Analogous

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



76.4380, 28.8711, -67.0361



74.2840, 35.8490, -65.1471



92.8780, 25.2031, -10.4170

Triad

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



74.2840, 35.8490, -65.1471



92.5820, -9.1609, 45.0936



83.8880, -13.7488, -23.5808

Complementary

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



74.2840, 35.8490, -65.1471



72.7160, -35.8490, 65.1471

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.



87.9960, -24.1550, 0.8805



74.2840, 35.8490, -65.1471



91.8510, -20.6325, 37.8417

Square

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



74.2840, 35.8490, -65.1471



94.2790, 3.8065, 39.2203



90.4440, -26.8409, 22.4126



71.6840, 5.5788, -62.8669

Rectangle

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



74.2840, 35.8490, -65.1471



95.1150, 19.1703, 11.3001



90.4440, -26.8409, 22.4126



85.5040, -17.9965, -14.4740

Sweetspot

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



74.2840, 35.8490, -65.1471



162.8040, 13.9006, -25.2611



91.8750, -21.1374, -80.5744



79.4910, 8.6319, -15.3396



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



74.2840, 35.8490, -65.1471



96.9100, 46.3864, -84.9901



32.6070, 56.3957, -28.5963



70.1460, 1.9000, -2.7590



69.7360, 33.6542, -61.1585



5.2490, 2.3422, -4.6034

Inverse Universe

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



55.1250, 21.1374, 80.5744



71.5870, 27.3186, 104.7252



115.5670, -56.9745, 27.5667



69.5490, 0.7153, 3.9035



51.7500, 19.8433, 75.6412



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 74.2840, 35.8490, -65.1471 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 74.2840, 35.8490, -65.1471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

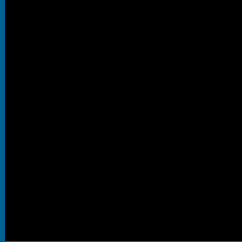
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.2840, 35.8490, -65.1471

Background



This preview shows how black text looks on a background with the YUV color 74.2840, 35.8490, -65.1471.



This preview shows how white text looks on a background with the YUV color 74.2840, 35.8490,

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

91.9160, 24.1984, -14.8353

Deuteranopia

89.4030, 28.8883, -25.7864

Tritanopia

73.0010, 18.2405, -64.0219

Trichromacy



Protanomaly

85.8320, 28.1838, -33.1787

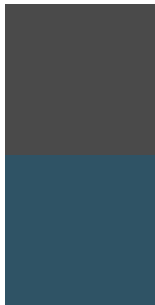
Deuteranomaly

83.9990, 31.5525, -40.3411

Tritanomaly

73.3090, 24.4977, -64.2920

Monochromacy



Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.2880, 13.1690, -23.9316

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.2840, 35.8490, -65.1471 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, 98, 147)` looks like.

```
.text, #text, p{  
    color:rgb(0, 98, 147)  
}
```

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, 98, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 98, 147) }
```

Border

The CSS property to change the border of an element to YUV 74.2840, 35.8490, -65.1471 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, 98, 147) }
```

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

```
.border{ border-color:rgb(0, 98, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 98, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 98, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 98, 147);  
box-shadow:4px 4px 4px 4px rgb(0, 98, 147)  
}
```


Background

The CSS property to change the background color of an element to YUV 74.2840, 35.8490, -65.1471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 98, 147) }
```

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

```
.background{ background-color: rgb(0, 98,  
147) }
```

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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