

Converting Colors

YUV(77.8060, 34.1126,
-68.2359)

Have a look what the booklet for
YUV(77.8060, 34.1126, -68.2359)
contains.

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Color

**YUV(77.8060, 34.1126,
-68.2359)**

Conversions

Conversions Part 1

Format	Color
Hex	006893
RGB	0, 104, 147
RGB Percent	0%, 41%, 58%
CMY	1.0000, 0.5922, 0.4235
CMYK	1.00, 0.29, 0.00, 0.42
HSL	198°, 100%, 29%
HSV	198°, 100%, 58%
XYZ	10.2168, 12.0072, 29.3829
YIQ	77.8060, -75.7870, -8.6750

Conversions

Conversions Part 2

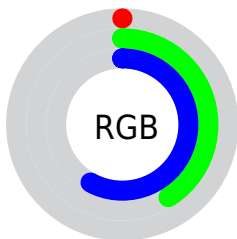
Format	Color
RYB	0, 61, 147
Decimal	26771
CIELab	41.23, -8.93, -30.58
CIELCh	41, 31.854, 253.711
Yxy	12.0072, 0.1980, 0.2327
Android (android.graphics.Color)	4278216851 (0xFF006893)
YUV	77.8060, 34.1126, -68.2359
Hunter-Lab	34.6514, -8.0103, -26.0193

Details

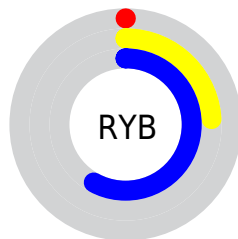
The YUV color **77.8060, 34.1126, -68.2359** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **69.1940, -34.1126, 68.2359**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.7160, 30.7060, -48.8629**, and **44.4030, 25.4373, -38.9414** is the 20% darker color. If you saturate the color by 10%, you get **77.8060, 34.1126, -68.2359**, and if you desaturate by 10%, it is **84.6390, 30.7440, -61.0734**.

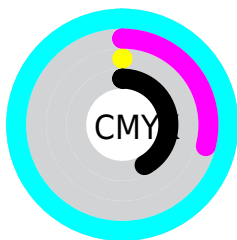
Distribution



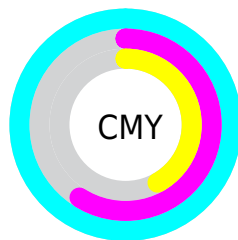
- Red (0%)
- Green (41%)
- Blue (58%)



- Red (0%)
- Yellow (24%)
- Blue (58%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (59%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8060, 34.1126, -68.2359 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 77.8060, 34.1126, -68.2359 by changing the saturation by 10% instead.

■ 77.8060, 34.1126,
-68.2359

■ 77.8060, 34.1126,
-68.2359

■ 255.0000, 0.0000,
0.0000

■ 60.7540, 29.7013,
-53.2813

■ 138.7160, 30.7060,
-48.8629

■ 44.4030, 25.4373,
-38.9414

■ 166.4280, 30.8480,
-47.7334

■ 29.3400, 21.0314,
-25.7312

■ 193.9120, 30.1164,
-46.4038

■ 12.6300, 17.9304,
-11.0765

■ 219.6060, 17.4492,
-43.5045

■ 3.7790, 11.9410,
-3.3142

■ 238.2560, 8.2548,
-34.4275

■ 0.0000, 0.0000,
0.0000

■ 247.2260, 3.8326,

-15.9842

■ 77.8060, 34.1126,
-68.2359

■ 84.6390, 30.7440,
-61.0734

■ 91.7600, 27.2333,
-55.0405

■ 98.5930, 23.8647,
-47.8781

■ 105.4260, 20.4960,
-40.7156

■ 112.2590, 17.1273,
-33.5531

■ 119.3800, 13.6167,
-27.5203

■ 126.2130, 10.2480,
-20.3578

■ 133.0460, 6.8793,
-13.1953

■ 140.1670, 3.3687,
-7.1625

Harmonies

Analogous

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



79.1450, 26.5505, -69.4102



77.8060, 34.1126, -68.2359



95.9480, 25.6616, -17.4944

Triad

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



77.8060, 34.1126, -68.2359



98.3690, -6.0979, 42.6494



90.3620, -15.9545, -16.1035

Complementary

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



77.8060, 34.1126, -68.2359



69.1940, -34.1126, 68.2359

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.



94.0290, -24.1713, 6.1136



77.8060, 34.1126, -68.2359



96.7740, -17.1436, 38.7862

Square

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



77.8060, 34.1126, -68.2359



99.9300, 6.4435, 33.3874



96.1500, -24.2310, 25.3014



83.7850, -0.8800, -44.5384

Rectangle

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



77.8060, 34.1126, -68.2359



99.4130, 20.5024, 4.0228



96.1500, -24.2310, 25.3014



91.7930, -19.6179, -7.7115

Sweetspot

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



77.8060, 34.1126, -68.2359



163.9780, 13.3218, -26.2907



91.0770, -24.1950, -79.8745



80.6650, 8.0532, -16.3692



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.



77.8060, 34.1126, -68.2359



101.0190, 44.3606, -88.5937



35.5420, 54.9488, -31.1703



70.7330, 1.6106, -3.2738



72.6710, 32.2072, -63.7325



5.2490, 2.3422, -4.6034

Inverse Universe

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



55.8090, 23.7582, 79.9745



72.4990, 30.8130, 103.9254



111.4580, -54.9488, 31.1703



69.6630, 1.1521, 3.8035



52.3200, 22.0272, 75.1414



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 77.8060, 34.1126, -68.2359 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 77.8060, 34.1126, -68.2359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

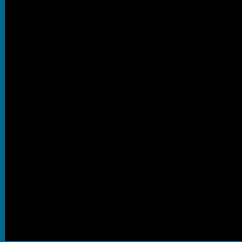
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.8060, 34.1126, -68.2359

Background



This preview shows how black text looks on a background with the YUV color 77.8060, 34.1126, -68.2359.



This preview shows how white text looks on a background with the YUV color 77.8060, 34.1126, -68.2359.

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

97.1290, 21.1354, -12.3911

Deuteranopia

95.4530, 26.3987, -20.5683

Tritanopia

76.6200, 19.4143, -67.1957

Trichromacy



Protanomaly

90.2620, 25.9998, -32.6788

Deuteranomaly

89.3260, 28.9263, -37.9969

Tritanomaly

77.2870, 24.5085, -67.7807

Monochromacy



Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7610, 12.4428, -24.3464

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8060, 34.1126, -68.2359 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, 104, 147)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 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, 104, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 147) }
```

Border

The CSS property to change the border of an element to YUV 77.8060, 34.1126, -68.2359 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, 104, 147) }
```

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

```
.border{ border-color:rgb(0, 104, 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, 104, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 147);  
box-shadow:4px 4px 4px 4px rgb(0, 104,  
147) }
```


Background

The CSS property to change the background color of an element to YUV 77.8060, 34.1126, -68.2359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 147) }
```

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

```
.background{ background-color: rgb(0, 104,  
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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