

Converting Colors

YUV(78.3760, 36.2966,
-68.7358)

Have a look what the booklet for
YUV(78.3760, 36.2966, -68.7358)
contains.

YUV(78.3760, 36.2966, -68.7358)	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>	30

Color

**YUV(78.3760, 36.2966,
-68.7358)**

Conversions

Conversions Part 1

Format	Color
Hex	006898
RGB	0, 104, 152
RGB Percent	0%, 41%, 60%
CMY	1.0000, 0.5922, 0.4039
CMYK	1.00, 0.32, 0.00, 0.40
HSL	199°, 100%, 30%
HSV	199°, 100%, 60%
XYZ	10.6178, 12.1676, 31.4947
YIQ	78.3760, -77.3920, -7.1200

Conversions

Conversions Part 2

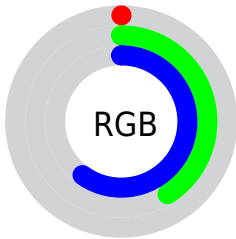
Format	Color
RYB	0, 62, 152
Decimal	26776
CIELab	41.48, -6.96, -33.16
CIELCh	41, 33.885, 258.151
Yxy	12.1676, 0.1956, 0.2242
Android (android.graphics.Color)	4278216856 (0xFF006898)
YUV	78.3760, 36.2966, -68.7358
Hunter-Lab	34.8821, -6.7099, -29.1149

Details

The YUV color **78.3760, 36.2966, -68.7358** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **73.6240, -36.2966, 68.7358**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6990, 33.1794, -48.8480**, and **44.9730, 27.6213, -39.4413** is the 20% darker color. If you saturate the color by 10%, you get **78.3760, 36.2966, -68.7358**, and if you desaturate by 10%, it is **85.7960, 32.6386, -62.0881**.

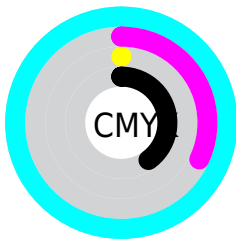
Distribution



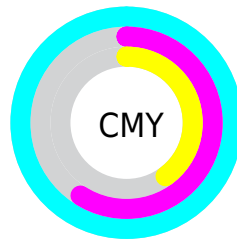
- Red (0%)
- Green (41%)
- Blue (60%)



- Red (0%)
- Yellow (24%)
- Blue (60%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.3760, 36.2966, -68.7358 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 78.3760, 36.2966, -68.7358 by changing the saturation by 10% instead.

■ 78.3760, 36.2966,
-68.7358

■ 78.3760, 36.2966,
-68.7358

■ 255.0000, 0.0000,
0.0000

■ 61.3240, 31.8853,
-53.7811

■ 139.6990, 33.1794,
-48.8480

■ 44.9730, 27.6213,
-39.4413

■ 167.7100, 33.1740,
-47.1037

■ 29.7960, 22.7786,
-26.1311

■ 194.5100, 29.8216,
-45.1743

■ 14.2600, 19.0988,
-12.5060

■ 220.2040, 17.1544,
-42.2749

■ 4.7080, 12.9620,
-4.1289

■ 238.8540, 7.9600,
-33.1980

■ 0.3420, 1.3104,
-0.2999

■ 247.8240, 3.5378,

■ 0.0000, 0.0000,

-14.7546

0.0000

■ 78.3760, 36.2966,
-68.7358

■ 85.7960, 32.6386,
-62.0881

■ 93.2160, 28.9805,
-55.4404

■ 100.3480, 25.4644,
-47.6632

■ 107.7680, 21.8064,
-41.0155

■ 115.1880, 18.1483,
-34.3679

■ 122.6080, 14.4903,
-27.7202

■ 130.0280, 10.8322,
-21.0726

■ 137.1600, 7.3161,
-13.2953

■ 144.5800, 3.6581,
-6.6477

Harmonies

Analogous

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



80.4160, 28.8819, -70.5248



78.3760, 36.2966, -68.7358



97.4970, 26.3770, -13.5909

Triad

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



78.3760, 36.2966, -68.7358



98.2230, -7.9979, 45.4084



89.8560, -15.2120, -20.9217

Complementary

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



78.3760, 36.2966, -68.7358



73.6240, -36.2966, 68.7358

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.



94.0780, -25.1815, 3.4396



78.3760, 36.2966, -68.7358



97.3890, -19.9118, 40.0008

Square

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



78.3760, 36.2966, -68.7358



100.2080, 4.8275, 38.4056



95.8680, -26.5569, 24.6718



78.1360, 3.3840, -58.8783

Rectangle

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



78.3760, 36.2966, -68.7358



100.7340, 20.3441, 8.1263



95.8680, -26.5569, 24.6718



91.1730, -19.3123, -12.4297

Sweetspot

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



78.3760, 36.2966, -68.7358



167.7930, 13.9061, -27.0055



94.4680, -23.8947, -82.8484



82.0780, 8.3425, -15.8544



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



78.3760, 36.2966, -68.7358



101.0020, 46.8340, -88.5788



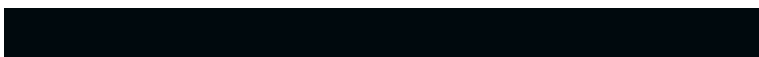
34.9380, 57.7116, -30.6406



72.8470, 2.0474, -3.3738



72.3120, 33.3702, -63.4176



6.7650, 3.0739, -5.9329

Inverse Universe

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



57.3040, 23.0211, 83.0484



73.8800, 29.6392, 107.0992



117.0620, -57.7116, 30.6406



71.9620, 1.0047, 4.4183



52.8040, 21.2956, 76.4709



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 78.3760, 36.2966, -68.7358 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 78.3760, 36.2966, -68.7358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

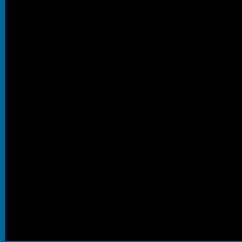
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.3760, 36.2966, -68.7358

Background



This preview shows how black text looks on a background with the YUV color 78.3760, 36.2966, -68.7358.



This preview shows how white text looks on a background with the YUV color 78.3760, 36.2966, -68.7358.

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

97.1010, 23.6142, -14.1206

Deuteranopia

95.4140, 28.8829, -24.0421

Tritanopia

77.3210, 19.5617, -67.8105

Trichromacy



Protanomaly

90.5330, 28.3312, -33.7934

Deuteranomaly

88.9990, 31.5525, -40.3411

Tritanomaly

77.6290, 25.8189, -68.0806

Monochromacy



Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9890, 13.3164, -24.5464

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3760, 36.2966, -68.7358 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 152) }
```

Border

The CSS property to change the border of an element to YUV 78.3760, 36.2966, -68.7358 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, 152) }
```

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

```
.border{ border-color:rgb(0, 104, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 152);  
box-shadow:4px 4px 4px 4px rgb(0, 104,  
152) }
```


Background

The CSS property to change the background color of an element to YUV 78.3760, 36.2966, -68.7358 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, 152) }
```

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

```
.background{ background-color: rgb(0, 104,  
152) }
```

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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