

Converting Colors

YUV(75.2370, 30.4492,
-59.8438)

Have a look what the booklet for
YUV(75.2370, 30.4492, -59.8438)
contains.

YUV(75.2370, 30.4492, -59.8438)	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(75.2370, 30.4492,
-59.8438)**

Conversions

Conversions Part 1

Format	Color
Hex	076289
RGB	7, 98, 137
RGB Percent	3%, 38%, 54%
CMY	0.9725, 0.6157, 0.4627
CMYK	0.95, 0.28, 0.00, 0.46
HSL	198°, 90%, 28%
HSV	198°, 95%, 54%
XYZ	8.9707, 10.5867, 25.2375
YIQ	75.2370, -66.7550, -7.1630

Conversions

Conversions Part 2

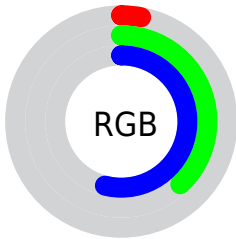
Format	Color
RYB	7, 61, 137
Decimal	483977
CIELab	38.88, -8.88, -28.24
CIELCh	39, 29.606, 252.540
Yxy	10.5867, 0.2003, 0.2363
Android (android.graphics.Color)	4278674057 (0xFF076289)
YUV	75.2370, 30.4492, -59.8438
Hunter-Lab	32.5372, -7.7267, -23.2124

Details

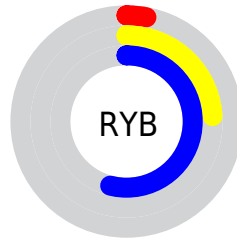
The YUV color **75.2370, 30.4492, -59.8438** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **68.7630, -30.4492, 59.8438**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.7550, 28.2218, -45.3891**, and **40.4420, 22.9531, -35.4676** is the 20% darker color. If you saturate the color by 10%, you get **71.9700, 32.0598, -63.1177**, and if you desaturate by 10%, it is **81.7710, 27.2279, -53.2962**.

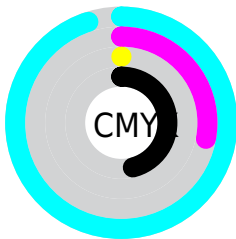
Distribution



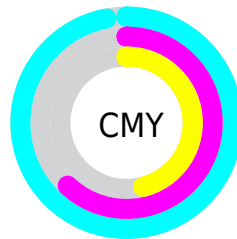
- Red (3%)
- Green (38%)
- Blue (54%)



- Red (3%)
- Yellow (24%)
- Blue (54%)



- Cyan (95%)
- Magenta (28%)
- Yellow (0%)
- Black (46%)



- Cyan (97%)
- Magenta (62%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.2370, 30.4492, -59.8438 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 75.2370, 30.4492, -59.8438 by changing the saturation by 10% instead.

■ 75.2370, 30.4492,
-59.8438

■ 75.2370, 30.4492,
-59.8438

■ 255.0000, 0.0000,
0.0000

■ 56.0920, 27.0696,
-49.1927

■ 133.7550, 28.2218,
-45.3891

■ 40.4420, 22.9531,
-35.4676

■ 160.8800, 28.6532,
-43.7448

■ 25.3790, 18.5472,
-22.2574

■ 188.8800, 28.6532,
-43.7448

■ 6.4350, 17.0405,
-5.6435

■ 214.6000, 19.9172,
-41.7452

■ 2.7530, 8.0098,
-2.4144

■ 237.3590, 8.6970,
-36.2718

■ 0.0000, 0.0000,
0.0000

■ 246.3290, 4.2748,

-17.8285

■ 75.2370, 30.4492,
-59.8438

■ 75.2370, 30.4492,
-59.8438

■ 71.9700, 32.0598,
-63.1177

■ 81.7710, 27.2279,
-53.2962

■ 88.0060, 24.1540,
-47.3633

■ 94.5400, 20.9328,
-40.8156

■ 101.0740, 17.7115,
-34.2679

■ 108.1950, 14.2009,
-28.2350

■ 114.4300, 11.1270,
-22.3021

■ 120.9640, 7.9057,
-15.7544

■ 127.4980, 4.6845,
-9.2067

■ 133.7330, 1.6106,
-3.2738

Harmonies

Analogous

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



73.8960, 24.2083, -64.8068



75.2370, 30.4492, -59.8438



90.3780, 23.4776, -16.9945

Triad

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



75.2370, 30.4492, -59.8438



92.5750, -5.2135, 38.9607



85.3130, -14.9443, -13.4295

Complementary

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



75.2370, 30.4492, -59.8438



68.7630, -30.4492, 59.8438

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.



88.1970, -22.2821, 6.8432



75.2370, 30.4492, -59.8438



91.8060, -15.6804, 36.1271

Square

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



75.2370, 30.4492, -59.8438



94.2070, 6.3069, 30.5135



90.3070, -22.3364, 24.2868



79.5900, -1.7699, -39.1054

Rectangle

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



75.2370, 30.4492, -59.8438



93.0600, 19.1974, 2.5784



90.3070, -22.3364, 24.2868



86.8470, -18.1656, -6.8818

Sweetspot

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



75.2370, 30.4492, -59.8438



155.2450, 11.7112, -23.0169



87.7560, -20.5857, -70.8230



74.7470, 7.0267, -13.8101



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



75.2370, 30.4492, -59.8438



93.7810, 42.0130, -82.2459



37.0820, 49.2596, -26.3819



65.7330, 1.6106, -3.2738



69.7530, 31.1808, -61.1734



2.9180, 1.0264, -2.5591

Inverse Universe

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



56.2440, 20.5857, 70.8230



67.7710, 28.2139, 97.5478



106.9180, -49.2596, 26.3819



64.6630, 1.1521, 3.8035



50.3690, 21.0171, 72.4674



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 75.2370, 30.4492, -59.8438 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 75.2370, 30.4492, -59.8438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

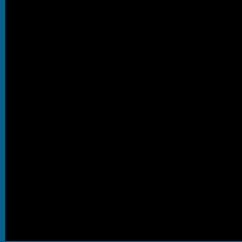
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.2370, 30.4492, -59.8438

Background



This preview shows how black text looks on a background with the YUV color 75.2370, 30.4492, -59.8438.



This preview shows how white text looks on a background with the YUV color 75.2370, 30.4492, -59.8438.

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

75.2370, 30.4492, -59.8438

Protanopia

91.2710, 19.0934, -10.7617

Deuteranopia

89.8940, 24.2093, -18.3240



Tritanopia

72.3000, 18.0931, -63.4071

Trichromacy



Original Color

75.2370, 30.4492, -59.8438

Protanomaly

85.6000, 23.3682, -28.5902

Deuteranomaly

84.6640, 26.2946, -33.9083

Tritanomaly

73.7500, 22.3083, -62.0478

Monochromacy



Original Color

75.2370, 30.4492, -59.8438

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8430, 11.4164, -21.7873

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.2370, 30.4492, -59.8438 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(7, 98, 137)` looks like.

```
.text, #text, p{  
    color:rgb(7, 98, 137)  
}
```

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(7, 98, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 98, 137) }
```

Border

The CSS property to change the border of an element to YUV 75.2370, 30.4492, -59.8438 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(7, 98, 137) }
```


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

```
.border{ border-color:rgb(7, 98, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 98, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 98, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 98, 137);  
box-shadow:4px 4px 4px 4px rgb(7, 98, 137)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.2370, 30.4492, -59.8438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 98, 137) }
```

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

```
.background{ background-color: rgb(7, 98,  
137) }
```

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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