

Converting Colors

YUV(76.5910, 40.6276,
-11.0423)

Have a look what the booklet for
YUV(76.5910, 40.6276, -11.0423)
contains.

YUV(76.5910, 40.6276, -11.0423)	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(76.5910, 40.6276,
-11.0423)**

Conversions

Conversions Part 1

Format	Color
Hex	40439F
RGB	64, 67, 159
RGB Percent	25%, 26%, 62%
CMY	0.7490, 0.7373, 0.3765
CMYK	0.60, 0.58, 0.00, 0.38
HSL	238°, 43%, 44%
HSV	238°, 60%, 62%
XYZ	10.3795, 7.6075, 33.7222
YIQ	76.5910, -31.3200, 27.9760

Conversions

Conversions Part 2

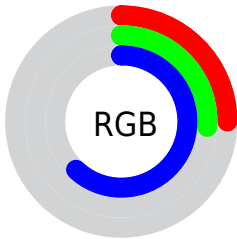
Format	Color
R _{YB}	64, 67, 159
Decimal	4211615
CIE Lab	33.15, 27.13, -50.57
CIE LCh	33, 57.390, 298.213
Yxy	7.6075, 0.2007, 0.1471
Android (android.graphics.Color)	4282401695 (0xFF40439F)
YUV	76.5910, 40.6276, -11.0423
Hunter-Lab	27.5817, 18.9050, -53.1826

Details

The YUV color **76.5910, 40.6276, -11.0423** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **146.4090, -40.6276, 11.0423**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.0800, 42.3586, -6.2092**, and **26.2860, 39.7920, -23.0528** is the 20% darker color. If you saturate the color by 10%, you get **63.0020, 47.3270, -13.1568**, and if you desaturate by 10%, it is **90.1800, 33.9283, -8.9279**.

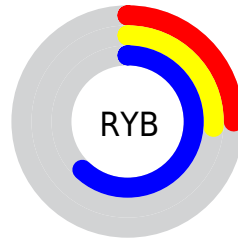
Distribution



Red (25%)

Green (26%)

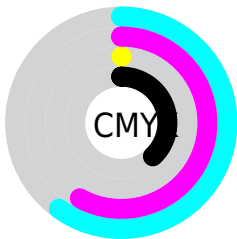
Blue (62%)



Red (25%)

Yellow (26%)

Blue (62%)

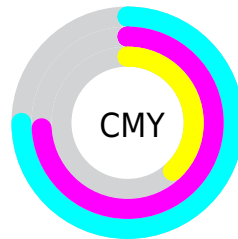


Cyan (60%)

Magenta (58%)

Yellow (0%)

Black (38%)



Cyan (75%)

Magenta (74%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5910, 40.6276, -11.0423 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 76.5910, 40.6276, -11.0423 by changing the saturation by 10% instead.

■ 76.5910, 40.6276,
-11.0423

■ 76.5910, 40.6276,
-11.0423

■ 255.0000, 0.0000,
0.0000

■ 51.0310, 39.9177,
-16.6902

■ 128.0800, 42.3586,
-6.2092

■ 26.2860, 39.7920,
-23.0528

■ 155.0200, 43.3741,
-5.2795

■ 9.3480, 35.8174,
-8.1982

■ 180.0220, 36.9642,
-2.6503

■ 9.5470, 23.8873,
-8.3727

■ 204.5420, 24.8758,
1.2787

■ 5.1640, 14.7091,
-4.5288

■ 229.6490, 12.4980,
4.6928

■ 1.1400, 4.3680,
-0.9998

■ 252.6520, 1.1576,

■ 0.0000, 0.0000,

2.0592

0.0000

■ 76.5910, 40.6276,
-11.0423

■ 76.5910, 40.6276,
-11.0423

■ 63.0020, 47.3270,
-13.1568

■ 90.1800, 33.9283,
-8.9279

■ 48.8260, 54.3158,
-14.7564

■ 104.3560, 26.9395,
-7.3282

■ 35.2370, 61.0152,
-16.8708

■ 117.9450, 20.2401,
-5.2138

■ 21.0610, 68.0039,
-18.4705

■ 132.1210, 13.2513,
-3.6141

■ 145.7100, 6.5520,
-1.4997

■ 159.0000, 0.0000,
0.0000

■ 173.1760, -6.9888,
1.5996

■ 186.7650,
-13.6881, 3.7141

■ 200.9410,
-20.6769, 5.3137

Harmonies

Analogous

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



69.2750, 49.6574, -60.7542



76.5910, 40.6276, -11.0423



76.2300, 25.0296, 45.4023

Triad

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



76.5910, 40.6276, -11.0423



71.7530, -35.3742, 52.8366



65.3750, 4.2521, -57.3339

Complementary

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



76.5910, 40.6276, -11.0423



146.4090, -40.6276, 11.0423

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.



58.0280, -16.2828, -50.8906



76.5910, 40.6276, -11.0423



73.3270, -36.1502, 21.6382

Square

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



76.5910, 40.6276, -11.0423



65.0420, -13.3317, 76.2622



67.5030, -33.2790, -12.7191



70.6190, 24.3448, -61.9329

Rectangle

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



76.5910, 40.6276, -11.0423



65.9900, 15.7809, 71.9228



67.5030, -33.2790, -12.7191



62.9640, -2.4473, -55.2194

Sweetspot

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



76.5910, 40.6276, -11.0423



174.5060, 16.0195, -4.8288



130.2530, 12.6933, -58.1039



84.6220, 10.0464, -2.2995



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



76.5910, 40.6276, -11.0423



77.9210, 63.6359, -17.4707



87.9860, 35.0099, 17.5523



71.9120, 3.4944, -0.7998



19.2370, 61.0152, -16.8708



1.7100, 6.5520, -1.4997

Inverse Universe

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



92.7470, -12.6933, 58.1039



103.1210, -19.7797, 91.1019



135.0140, -35.0099, -17.5523



73.3920, -1.1793, 4.9182



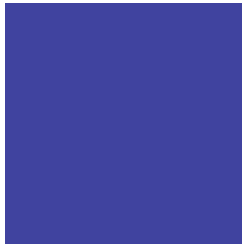
43.3270, -18.8952, 87.4132



4.4850, -2.2111, 9.2217

Previews

White Background



This preview shows how the YUV color 76.5910, 40.6276, -11.0423 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 ✓ Pass

Black Background



This preview shows how the YUV color 76.5910, 40.6276, -11.0423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 76.5910, 40.6276, -11.0423

Background



This preview shows how black text looks on a background with the YUV color 76.5910, 40.6276, -11.0423.



This preview shows how white text looks on a background with the YUV color 76.5910, 40.6276,

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

76.5910, 40.6276, -11.0423

Protanopia

62.1510, 47.7466, -54.5064

Tritanopia

70.5490, 10.5753, -32.0535

Trichromacy



Original Color

76.5910, 40.6276, -11.0423

Protanomaly

67.2670, 45.2244, -38.8222

Tritanomaly

72.4650, 21.4628, -24.0868

Monochromacy



Original Color

76.5910, 40.6276, -11.0423

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.5770, 14.9985, -4.0140

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5910, 40.6276, -11.0423 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(64, 67, 159)` looks like.

```
.text, #text, p{  
    color:rgb(64, 67, 159)  
}
```

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(64, 67, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 67, 159) }
```

Border

The CSS property to change the border of an element to YUV 76.5910, 40.6276, -11.0423 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(64, 67, 159) }
```

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

```
.border{ border-color:rgb(64, 67, 159) }
```

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

Here you see how a box with a 4 pixel rgb(64, 67, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 67, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 67, 159);  
box-shadow:4px 4px 4px 4px rgb(64, 67,  
159) }
```


Background

The CSS property to change the background color of an element to YUV 76.5910, 40.6276, -11.0423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 67, 159) }
```

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

```
.background{ background-color: rgb(64, 67,  
159) }
```

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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