

Converting Colors

YUV(73.5910, 40.6276,
-11.0423)

Have a look what the booklet for
YUV(73.5910, 40.6276, -11.0423)
contains.

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Color

**YUV(73.5910, 40.6276,
-11.0423)**

Conversions

Conversions Part 1

Format	Color
Hex	3D409C
RGB	61, 64, 156
RGB Percent	24%, 25%, 61%
CMY	0.7608, 0.7490, 0.3882
CMYK	0.61, 0.59, 0.00, 0.39
HSL	238°, 44%, 43%
HSV	238°, 61%, 61%
XYZ	9.7586, 7.0592, 32.3007
YIQ	73.5910, -31.3200, 27.9760

Conversions

Conversions Part 2

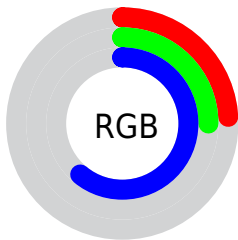
Format	Color
R_{YB}	61, 64, 156
Decimal	4014236
CIE _{Lab}	31.94, 27.48, -50.73
CIE _{LCh}	32, 57.697, 298.448
Yxy	7.0592, 0.1987, 0.1437
Android (android.graphics.Color)	4282204316 (0xFF3D409C)
YUV	73.5910, 40.6276, -11.0423
Hunter-Lab	26.5691, 19.0655, -53.4818

Details


The YUV color **73.5910, 40.6276, -11.0423** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **143.4090, -40.6276, 11.0423**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.0800, 42.3586, -6.2092**, and **24.7700, 39.0604, -21.7233** is the 20% darker color. If you saturate the color by 10%, you get **60.0020, 47.3270, -13.1568**, and if you desaturate by 10%, it is **87.1800, 33.9283, -8.9279**.

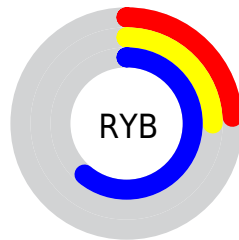
Distribution



 Red (24%)

 Green (25%)

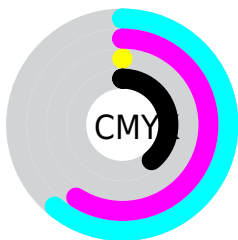
 Blue (61%)





 Red (24%)

 Yellow (25%)

 Blue (61%)

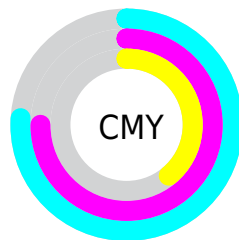


 Cyan (61%)

 Magenta (59%)

 Yellow (0%)

 Black (39%)



 Cyan (76%)

 Magenta (75%)

 Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.5910, 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 73.5910, 40.6276, -11.0423 by changing the saturation by 10% instead.

■ 73.5910, 40.6276,
-11.0423

■ 73.5910, 40.6276,
-11.0423

■ 255.0000, 0.0000,
0.0000

■ 47.7320, 40.0651,
-17.3050

■ 125.0800, 42.3586,
-6.2092

■ 24.7700, 39.0604,
-21.7233

■ 151.4330, 43.6635,
-4.7647

■ 9.0060, 34.5070,
-7.8983

■ 177.3640, 38.2745,
-2.9502

■ 9.2050, 22.5769,
-8.0728

■ 201.8840, 26.1862,
0.9787

■ 4.9360, 13.8356,
-4.3289

■ 226.9910, 13.8084,
4.3929

■ 0.6840, 2.6208,
-0.5999

■ 250.3040, 2.3151,

■ 0.0000, 0.0000,

4.1184

0.0000

■ 73.5910, 40.6276,
-11.0423

■ 73.5910, 40.6276,
-11.0423

■ 60.0020, 47.3270,
-13.1568

■ 87.1800, 33.9283,
-8.9279

■ 46.7120, 53.8790,
-14.6564

■ 100.4700, 27.3763,
-7.4282

■ 33.1230, 60.5784,
-16.7709

■ 114.0590, 20.6769,
-5.3137

■ 20.7190, 66.6935,
-18.1706

■ 127.3490, 14.1249,
-3.8141

■ 141.5250, 7.1362,
-2.2144

■ 155.1140, 0.4368,
-0.1000

■ 168.4040, -6.1152,
1.3997

■ 181.9930,
-12.8145, 3.5141

■ 195.2830,
-19.3665, 5.0138

Harmonies

Analogous

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



67.1720, 49.2152, -58.9098



73.5910, 40.6276, -11.0423



71.9420, 25.1716, 46.5319

Triad

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



73.5910, 40.6276, -11.0423



68.7960, -33.9164, 51.9219



63.2720, 3.8099, -55.4895

Complementary

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



73.5910, 40.6276, -11.0423



143.4090, -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.



55.9250, -16.7250, -49.0462



73.5910, 40.6276, -11.0423



71.2560, -35.1292, 20.8235

Square

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



73.5910, 40.6276, -11.0423



61.4550, -13.0423, 76.7770



64.8450, -31.9686, -13.0191



68.5160, 23.9026, -60.0885

Rectangle

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



73.5910, 40.6276, -11.0423



59.4680, 17.5173, 75.0116



64.8450, -31.9686, -13.0191



60.8610, -2.8895, -53.3751

Sweetspot

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



73.5910, 40.6276, -11.0423



171.8050, 15.8721, -4.2140



127.2530, 12.6933, -58.1039



82.5080, 9.6096, -2.1995



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



73.5910, 40.6276, -11.0423



74.9210, 63.6359, -17.4707



84.9860, 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.



89.7470, -12.6933, 58.1039



100.1210, -19.7797, 91.1019



132.0140, -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 73.5910, 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 73.5910, 40.6276, -11.0423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

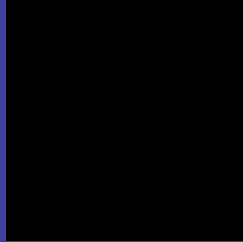
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.5910, 40.6276, -11.0423

Background



This preview shows how black text looks on a background with the YUV color 73.5910, 40.6276, -11.0423.



This preview shows how white text looks on a background with the YUV color 73.5910, 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

73.5910, 40.6276, -11.0423

Protanopia

59.8200, 46.4307, -52.4621

Deuteranopia

60.3610, 35.8110, -52.9366



Tritanopia

66.6520, 11.0176, -33.8978

Trichromacy



Original Color

73.5910, 40.6276, -11.0423

Protanomaly

64.7510, 44.4928, -37.4926

Deuteranomaly

64.9160, 37.5094, -37.6373

Tritanomaly

68.8670, 21.7576, -25.3164

Monochromacy



Original Color

73.5910, 40.6276, -11.0423

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.5770, 14.9985, -4.0140

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.5910, 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(61, 64, 156)` looks like.

```
.text, #text, p{  
    color:rgb(61, 64, 156)  
}
```

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(61, 64, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 64, 156) }
```

Border

The CSS property to change the border of an element to YUV 73.5910, 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(61, 64, 156) }
```


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

```
.border{ border-color:rgb(61, 64, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 64, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 64, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 64, 156);  
box-shadow:4px 4px 4px 4px rgb(61, 64,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 73.5910, 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(61, 64, 156) }
```

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

```
.background{ background-color: rgb(61, 64,  
156) }
```

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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