

Converting Colors

YUV(74.0380, 29.5613, 38.5547)

Have a look what the booklet for
YUV(74.0380, 29.5613, 38.5547)
contains.

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Color

**YUV(74.0380, 29.5613,
38.5547)**

Conversions

Conversions Part 1

Format	Color
Hex	762886
RGB	118, 40, 134
RGB Percent	46%, 16%, 53%
CMY	0.5373, 0.8431, 0.4745
CMYK	0.12, 0.70, 0.00, 0.47
HSL	290°, 54%, 34%
HSV	290°, 70%, 53%
XYZ	12.5331, 7.0904, 23.2623
YIQ	74.0380, 16.3140, 45.7700

Conversions

Conversions Part 2

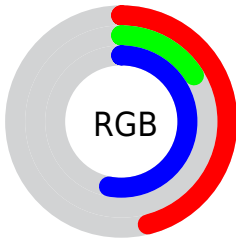
Format	Color
R_{YB}	118, 40, 134
Decimal	7743622
CIE _{Lab}	32.01, 47.55, -36.78
CIE _{LCh}	32, 60.114, 322.273
Yxy	7.0904, 0.2922, 0.1653
Android (android.graphics.Color)	4285933702 (0xFF762886)
YUV	74.0380, 29.5613, 38.5547
Hunter-Lab	26.6277, 37.4174, -33.1569

Details

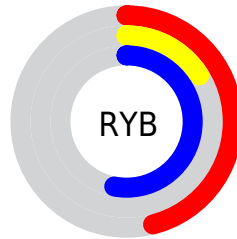
The YUV color **74.0380, 29.5613, 38.5547** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **99.9620, -29.5613, -38.5547**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1630, 29.9926, 40.1990**, and **29.3100, 26.9622, 32.1771** is the 20% darker color. If you saturate the color by 10%, you get **65.8090, 33.6182, 44.0175**, and if you desaturate by 10%, it is **82.2670, 25.5044, 33.0918**.

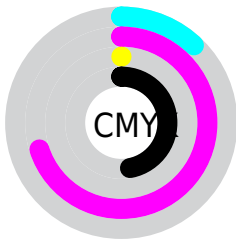
Distribution



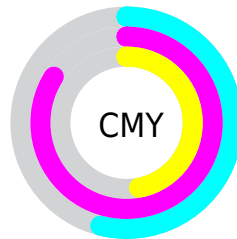
- Red (46%)
- Green (16%)
- Blue (53%)



- Red (46%)
- Yellow (16%)
- Blue (53%)



- Cyan (12%)
- Magenta (70%)
- Yellow (0%)
- Black (47%)



- Cyan (54%)
- Magenta (84%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.0380, 29.5613, 38.5547 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 74.0380, 29.5613, 38.5547 by changing the saturation by 10% instead.

74.0380, 29.5613,
38.5547

74.0380, 29.5613,
38.5547

255.0000, 0.0000,
0.0000

44.5160, 31.2976,
41.6435

127.1630, 29.9926,
40.1990

29.3100, 26.9622,
32.1771

153.9890, 30.5714,
41.2286

19.6970, 19.8694,
20.4367

181.7010, 30.7134,
42.3582

5.7130, 15.4245,
-0.6253

206.8660, 23.7301,
42.2135

2.1830, 5.8258,
-1.9145

223.3020, 15.6271,
27.7991

0.0000, 0.0000,
0.0000

239.7380, 7.5242,

13.3848

■ 74.0380, 29.5613,
38.5547

■ 74.0380, 29.5613,
38.5547

■ 65.8090, 33.6182,
44.0175

■ 82.2670, 25.5044,
33.0918

■ 56.6940, 38.1119,
49.3804

■ 91.3820, 21.0107,
27.7290

■ 48.4650, 42.1688,
54.8432

■ 99.6110, 16.9538,
22.2662

■ 108.4270, 12.6075,
16.2885

■ 116.6560, 8.5506,
10.8257

■ 125.1840, 4.3463,
5.9776

■ 134.0000, 0.0000,
0.0000

■ 142.2290, -4.0569,
-5.4628

■ 151.3440, -8.5506,
-10.8257

Harmonies

Analogous

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



66.0870, 48.2711, -36.0333



74.0380, 29.5613, 38.5547



55.1100, 17.2008, 83.2185

Triad

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



74.0380, 29.5613, 38.5547



71.3000, -35.1509, 27.8009



68.3050, 20.5556, -59.9035

Complementary

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



74.0380, 29.5613, 38.5547



99.9620, -29.5613, -38.5547

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.



62.1320, -0.5581, -54.4898



74.0380, 29.5613, 38.5547



66.6610, -32.8639, -5.8417

Square

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



74.0380, 29.5613, 38.5547



67.0790, -33.0699, 60.4437



53.8730, -24.5874, -47.2466



71.6910, 38.6063, -62.8730

Rectangle

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



74.0380, 29.5613, 38.5547



52.9570, 2.4862, 89.4917



53.8730, -24.5874, -47.2466



66.4810, 13.5669, -58.3038

Sweetspot

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



74.0380, 29.5613, 38.5547



150.0740, 11.3025, 14.8441



60.6950, 36.1394, -18.1495



72.8900, 6.9562, 8.8665



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



74.0380, 29.5613, 38.5547



80.7090, 45.4995, 59.8912



75.4020, 14.0988, 51.3904



62.1790, 1.8838, 2.4740



47.1120, 40.8638, 53.3988



0.9400, 1.0156, 0.9296

Inverse Universe

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



69.9300, -6.8675, 56.1894



74.2050, -10.4541, 86.6432



98.5980, -14.0988, -51.3904



61.9080, -0.4476, 3.5887



41.3780, -9.5534, 77.7215



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 74.0380, 29.5613, 38.5547 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 74.0380, 29.5613, 38.5547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

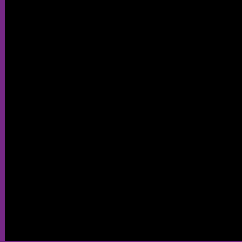
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.0380, 29.5613, 38.5547

Background



This preview shows how black text looks on a background with the YUV color 74.0380, 29.5613, 38.5547.



This preview shows how white text looks on a background with the YUV color 74.0380, 29.5613,

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

74.0380, 29.5613, 38.5547

Deuteranopia

72.0500, 27.5833, -27.2308

Tritanopia

76.6230, -4.7441, 28.3946

Trichromacy



Original Color

74.0380, 29.5613, 38.5547

Deuteranomaly

73.0190, 28.0916, -3.5247

Tritanomaly

75.5600, 7.6119, 31.9579

Monochromacy



Original Color

74.0380, 29.5613, 38.5547

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.2480, 10.7237, 13.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.0380, 29.5613, 38.5547 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(118, 40, 134)` looks like.

```
.text, #text, p{  
    color:rgb(118, 40, 134)  
}
```

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(118, 40, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 40, 134) }
```

Border

The CSS property to change the border of an element to YUV 74.0380, 29.5613, 38.5547 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(118, 40, 134) }
```

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

```
.border{ border-color:rgb(118, 40, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 40, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 40, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 40, 134); box-shadow:4px 4px 4px 4px rgb(118, 40, 134) }
```


Background

The CSS property to change the background color of an element to YUV 74.0380, 29.5613, 38.5547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 40, 134) }
```

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

```
.background{ background-color: rgb(118, 40,  
134) }
```

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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