

Converting Colors

YUV(74.6420, 43.5605, 28.3780)

Have a look what the booklet for
YUV(74.6420, 43.5605, 28.3780)
contains.

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Color

**YUV(74.6420, 43.5605,
28.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	6B29A3
RGB	107, 41, 163
RGB Percent	42%, 16%, 64%
CMY	0.5804, 0.8392, 0.3608
CMYK	0.34, 0.75, 0.00, 0.36
HSL	272°, 60%, 40%
HSV	272°, 75%, 64%
XYZ	13.4672, 7.3560, 35.3604
YIQ	74.6420, 0.1740, 51.9340

Conversions

Conversions Part 2

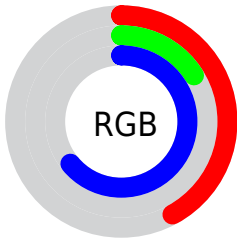
Format	Color
R_{YB}	107, 41, 163
Decimal	7023011
CIE _{Lab}	32.60, 51.17, -53.67
CIE _{LCh}	33, 74.152, 313.630
Yxy	7.3560, 0.2397, 0.1309
Android (android.graphics.Color)	4285213091 (0xFF6B29A3)
YUV	74.6420, 43.5605, 28.3780
Hunter-Lab	27.1220, 41.1693, -58.3142

Details

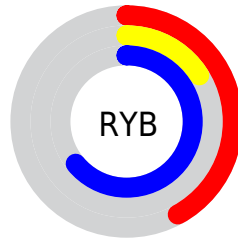
The YUV color **74.6420, 43.5605, 28.3780** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **129.3580, -43.5605, -28.3780**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.2940, 44.7181, 30.4372**, and **27.7890, 40.5300, 20.3560** is the 20% darker color. If you saturate the color by 10%, you get **63.1570, 49.2226, 32.3113**, and if you desaturate by 10%, it is **86.1270, 37.8984, 24.4446**.

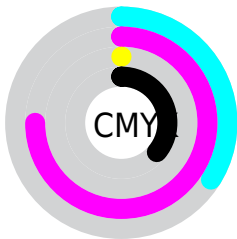
Distribution



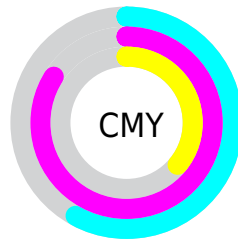
- Red (42%)
- Green (16%)
- Blue (64%)



- Red (42%)
- Yellow (16%)
- Blue (64%)



- Cyan (34%)
- Magenta (75%)
- Yellow (0%)
- Black (36%)



- Cyan (58%)
- Magenta (84%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.6420, 43.5605, 28.3780 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 74.6420, 43.5605, 28.3780 by changing the saturation by 10% instead.

74.6420, 43.5605,
28.3780

74.6420, 43.5605,
28.3780

255.0000, 0.0000,
0.0000

44.9950, 44.8655,
29.8224

128.2940, 44.7181,
30.4372

27.7890, 40.5300,
20.3560

155.2340, 45.7336,
31.3668

16.5670, 33.7375,
5.6417

180.8510, 36.5555,
35.2107

6.9540, 26.6447,
-6.0987

205.3710, 24.4671,
39.1396

6.0930, 15.7302,
-5.3436

223.3020, 15.6271,
27.7991

2.2970, 6.2626,
-2.0145

240.3250, 7.2348,

0.0000, 0.0000,

12.8700

0.0000

■ 74.6420, 43.5605,
28.3780

■ 74.6420, 43.5605,
28.3780

■ 63.1570, 49.2226,
32.3113

■ 86.1270, 37.8984,
24.4446

■ 50.7860, 55.3215,
36.1447

■ 98.4980, 31.7995,
20.6113

■ 44.8940, 58.2263,
37.8040

■ 109.9830, 26.1374,
16.6779

■ 121.7670, 20.3279,
13.3593

■ 133.2520, 14.6658,
9.4260

■ 145.6230, 8.5669,
5.5926

■ 157.1080, 2.9048,
1.6593

■ 168.8920, -2.9048,
-1.6593

■ 180.9640, -8.8563,
-6.1074

Harmonies

Analogous

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



66.6140, 62.3083, -58.4205



74.6420, 43.5605, 28.3780



60.4940, 24.8995, 87.2668

Triad

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



74.6420, 43.5605, 28.3780



72.2740, -35.6311, 41.8557



69.8550, 16.3405, -61.2628

Complementary

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



74.6420, 43.5605, 28.3780



129.3580, -43.5605, -28.3780

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.



61.6130, -10.1622, -54.0346



74.6420, 43.5605, 28.3780



69.6510, -34.3379, 0.3061

Square

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



74.6420, 43.5605, 28.3780



53.6880, -26.4682, 89.7276



54.5910, -26.9134, -47.8763



76.1250, 40.3644, -66.7616

Rectangle

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



74.6420, 43.5605, 28.3780



59.7500, 6.5323, 98.4433



54.5910, -26.9134, -47.8763



67.5750, 7.6045, -59.2633

Sweetspot

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



74.6420, 43.5605, 28.3780



177.8330, 16.8443, 10.6705



88.3670, 36.7941, -41.5409



86.6770, 10.0192, 6.4223



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



74.6420, 43.5605, 28.3780



73.5710, 68.2455, 44.2262



90.9300, 33.5585, 63.2054



75.5210, 3.1941, 2.1741



40.1510, 51.6906, 34.0706



5.0420, 6.3883, 4.3482

Inverse Universe

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



83.8620, 6.4770, 69.4040



88.1410, 10.2835, 108.6243



113.0700, -33.5585, -63.2054



76.1470, 0.4205, 5.1331



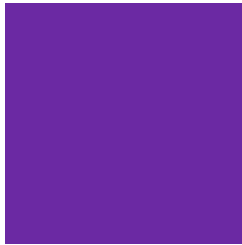
50.9930, 7.8915, 82.4441



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 74.6420, 43.5605, 28.3780 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 74.6420, 43.5605, 28.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

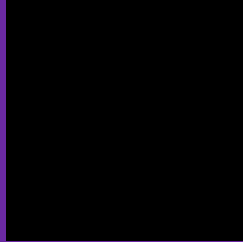
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.6420, 43.5605, 28.3780

Background



This preview shows how black text looks on a background with the YUV color 74.6420, 43.5605, 28.3780.



This preview shows how white text looks on a background with the YUV color 74.6420, 43.5605,

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

74.6420, 43.5605, 28.3780

Protanopia

62.0370, 47.3098, -54.4064

Deuteranopia

61.9910, 36.9794, -54.3661



Tritanopia

78.3650, -0.1799, 11.0809

Trichromacy



Original Color

74.6420, 43.5605, 28.3780

Protanomaly

66.8820, 45.9072, -24.4525

Deuteranomaly

66.4600, 39.2132, -24.0824

Tritanomaly

77.2360, 15.6597, 17.3330

Monochromacy



Original Color

74.6420, 43.5605, 28.3780

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1920, 15.6813, 10.3556

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.6420, 43.5605, 28.3780 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(107, 41, 163)` looks like.

```
.text, #text, p{  
    color:rgb(107, 41, 163)  
}
```

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(107, 41, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 41, 163) }
```

Border

The CSS property to change the border of an element to YUV 74.6420, 43.5605, 28.3780 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(107, 41, 163) }
```


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

```
.border{ border-color:rgb(107, 41, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 41, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 41, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 41, 163);  
box-shadow:4px 4px 4px 4px rgb(107, 41,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 74.6420, 43.5605, 28.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 41, 163) }
```

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

```
.background{ background-color: rgb(107, 41,  
163) }
```

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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