

Converting Colors

YUV(74.4700, 34.2783, 18.8818)

Have a look what the booklet for
YUV(74.4700, 34.2783, 18.8818)
contains.

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Color

**YUV(74.4700, 34.2783,
18.8818)**

Conversions

Conversions Part 1

Format	Color
Hex	603290
RGB	96, 50, 144
RGB Percent	38%, 20%, 56%
CMY	0.6235, 0.8039, 0.4353
CMYK	0.33, 0.65, 0.00, 0.44
HSL	269°, 48%, 38%
HSV	269°, 65%, 56%
XYZ	10.9985, 6.7816, 27.1149
YIQ	74.4700, -2.7580, 38.9860

Conversions

Conversions Part 2

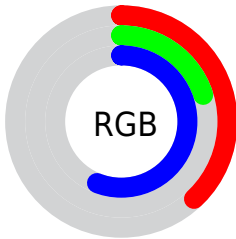
Format	Color
RYB	96, 50, 144
Decimal	6304400
CIELab	31.30, 39.75, -44.27
CIElCh	31, 59.498, 311.923
Yxy	6.7816, 0.2450, 0.1511
Android (android.graphics.Color)	4284494480 (0xFF603290)
YUV	74.4700, 34.2783, 18.8818
Hunter-Lab	26.0415, 29.8159, -43.5046

Details

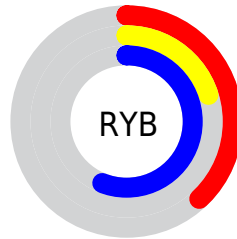
The YUV color **74.4700, 34.2783, 18.8818** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **119.5300, -34.2783, -18.8818**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.6490, 36.1620, 21.3558**, and **23.4590, 34.2837, 17.1375** is the 20% darker color. If you saturate the color by 10%, you get **64.1590, 39.3616, 21.7856**, and if you desaturate by 10%, it is **84.7810, 29.1950, 15.9781**.

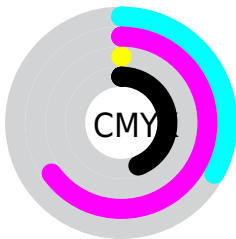
Distribution



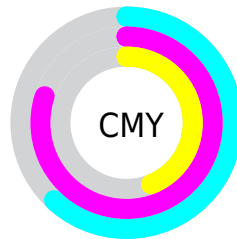
- Red (38%)
- Green (20%)
- Blue (56%)



- Red (38%)
- Yellow (20%)
- Blue (56%)



- Cyan (33%)
- Magenta (65%)
- Yellow (0%)
- Black (44%)



- Cyan (62%)
- Magenta (80%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.4700, 34.2783, 18.8818 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 74.4700, 34.2783, 18.8818 by changing the saturation by 10% instead.

■ 74.4700, 34.2783,
18.8818

■ 74.4700, 34.2783,
18.8818

■ 255.0000, 0.0000,
0.0000

■ 49.6440, 33.6995,
17.8522

■ 125.6490, 36.1620,
21.3558

■ 23.4590, 34.2837,
17.1375

■ 152.4750, 36.7408,
22.3854

■ 13.8460, 27.1909,
5.3971

■ 179.3010, 37.3196,
23.4150

■ 6.3040, 19.0771,
-5.5286

■ 203.8210, 25.2312,
27.3440

■ 3.3230, 10.1938,
-2.9143

■ 226.2370, 14.1802,
25.2252

■ 0.0000, 0.0000,
0.0000

■ 243.2600, 5.7878,

10.2960

■ 74.4700, 34.2783,
18.8818

■ 74.4700, 34.2783,
18.8818

■ 64.1590, 39.3616,
21.7856

■ 84.7810, 29.1950,
15.9781

■ 52.9620, 44.8817,
24.5893

■ 95.9780, 23.6748,
13.1743

■ 42.6510, 49.9651,
27.4931

■ 106.2890, 18.5915,
10.2705

■ 37.3460, 52.5804,
28.6376

■ 117.1870, 13.2188,
6.8520

■ 127.7970, 7.9881,
4.5630

■ 138.1080, 2.9048,
1.6593

■ 149.0060, -2.4680,
-1.7593

■ 159.6160, -7.6987,
-4.0482

■ 170.5140,
-13.0714, -7.4668

Harmonies

Analogous

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



62.3620, 51.0935, -54.6915



74.4700, 34.2783, 18.8818



58.9990, 22.1855, 71.0379

Triad

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



74.4700, 34.2783, 18.8818



69.5940, -34.3098, 38.0671



65.0790, 13.2721, -57.0743

Complementary

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



74.4700, 34.2783, 18.8818



119.5300, -34.2783, -18.8818

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.



58.3190, -7.5523, -51.1458



74.4700, 34.2783, 18.8818



67.9120, -33.4806, 5.3392

Square

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



74.4700, 34.2783, 18.8818



62.6700, -25.9663, 68.6954



52.2650, -25.7666, -42.3284



69.5080, 32.7806, -60.9585

Rectangle

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



74.4700, 34.2783, 18.8818



53.4710, 9.6278, 85.5329



52.2650, -25.7666, -42.3284



63.2550, 6.2833, -55.4746

Sweetspot

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



74.4700, 34.2783, 18.8818



158.6000, 13.5082, 7.3668



89.4790, 26.8789, -34.6231



77.7970, 7.9881, 4.5630



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



74.4700, 34.2783, 18.8818



78.7590, 52.8698, 29.1524



88.2240, 27.4976, 47.1616



65.9940, 2.4680, 1.7593



35.1240, 49.2389, 27.0783



2.1080, 2.9048, 1.6593

Inverse Universe

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



83.5780, 7.1100, 52.9901



92.7910, 10.9490, 81.7443



105.7760, -27.4976, -47.1616



66.5490, 0.7153, 3.9035



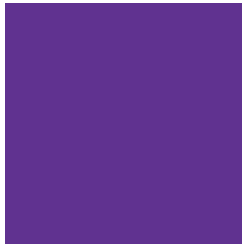
48.2310, 10.2391, 76.0964



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 74.4700, 34.2783, 18.8818 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 74.4700, 34.2783, 18.8818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

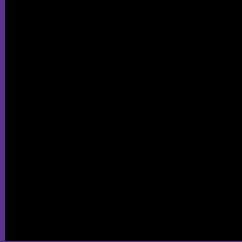
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.4700, 34.2783, 18.8818

Background



This preview shows how black text looks on a background with the YUV color 74.4700, 34.2783, 18.8818.



This preview shows how white text looks on a background with the YUV color 74.4700, 34.2783,

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

74.4700, 34.2783, 18.8818

Protanopia

59.0050, 45.8465, -51.7474

Deuteranopia

59.7740, 36.1004, -52.4218



Tritanopia

75.1580, 0.4151, 6.8774

Trichromacy



Original Color

74.4700, 34.2783, 18.8818

Protanomaly

64.4320, 41.6920, -25.8119

Deuteranomaly

65.4120, 35.2929, -26.6713

Tritanomaly

74.8070, 12.9131, 11.5703

Monochromacy



Original Color

74.4700, 34.2783, 18.8818

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.9590, 12.3452, 7.0520

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.4700, 34.2783, 18.8818 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(96, 50, 144)` looks like.

```
.text, #text, p{  
    color:rgb(96, 50, 144)  
}
```

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(96, 50, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 50, 144) }
```

Border

The CSS property to change the border of an element to YUV 74.4700, 34.2783, 18.8818 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(96, 50, 144) }
```


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

```
.border{ border-color:rgb(96, 50, 144) }
```

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

Here you see how a box with a 4 pixel rgb(96, 50, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 50, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 50, 144);  
box-shadow:4px 4px 4px 4px rgb(96, 50,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 74.4700, 34.2783, 18.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 50, 144) }
```

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

```
.background{ background-color: rgb(96, 50,  
144) }
```

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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