

Converting Colors

YUV(70.5760, 40.1420, 4.7568)

Have a look what the booklet for
YUV(70.5760, 40.1420, 4.7568)
contains.

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Color

**YUV(70.5760, 40.1420,
4.7568)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3498
RGB	76, 52, 152
RGB Percent	30%, 20%, 60%
CMY	0.7020, 0.7961, 0.4039
CMYK	0.50, 0.66, 0.00, 0.40
HSL	254°, 49%, 40%
HSV	254°, 66%, 60%
XYZ	9.8760, 6.2595, 30.3934
YIQ	70.5760, -17.7960, 36.1880

Conversions

Conversions Part 2

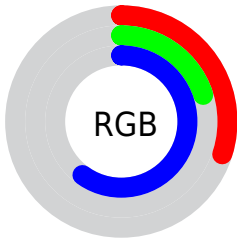
Format	Color
R_{YB}	76, 52, 152
Decimal	4994200
CIE _{Lab}	30.06, 36.54, -51.30
CIE _{LCh}	30, 62.980, 305.461
Yxy	6.2595, 0.2123, 0.1345
Android (android.graphics.Color)	4283184280 (0xFF4C3498)
YUV	70.5760, 40.1420, 4.7568
Hunter-Lab	25.0190, 26.6779, -54.5132

Details

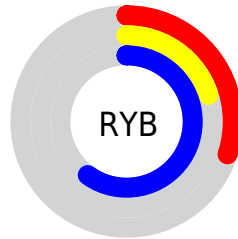
The YUV color **70.5760, 40.1420, 4.7568** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **133.4240, -40.1420, -4.7568**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.4670, 42.1678, 8.3604**, and **18.7980, 40.0326, -6.8388** is the 20% darker color. If you saturate the color by 10%, you get **58.1830, 46.2518, 5.1015**, and if you desaturate by 10%, it is **82.9690, 34.0323, 4.4122**.

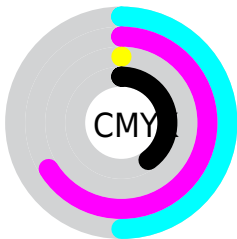
Distribution



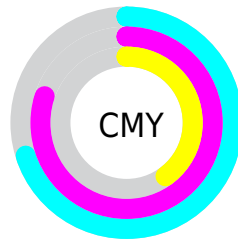
- Red (30%)
- Green (20%)
- Blue (60%)



- Red (30%)
- Yellow (20%)
- Blue (60%)



- Cyan (50%)
- Magenta (66%)
- Yellow (0%)
- Black (40%)



- Cyan (70%)
- Magenta (80%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.5760, 40.1420, 4.7568 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 70.5760, 40.1420, 4.7568 by changing the saturation by 10% instead.

■ 70.5760, 40.1420,
4.7568

■ 70.5760, 40.1420,
4.7568

■ 255.0000, 0.0000,
0.0000

■ 45.4400, 39.7161,
1.3681

■ 121.4670, 42.1678,
8.3604

■ 18.7980, 40.0326,
-6.8388

■ 147.8200, 43.4727,
9.8049

■ 8.6640, 33.1966,
-7.5983

■ 174.2070, 39.8309,
11.2195

■ 8.2760, 21.5559,
-7.2581

■ 198.7270, 27.7426,
15.1484

■ 4.5940, 12.5252,
-4.0289

■ 223.5460, 15.5068,
19.6922

■ 0.0000, 0.0000,
0.0000

■ 243.2600, 5.7878,

10.2960

■ 70.5760, 40.1420,
4.7568

■ 70.5760, 40.1420,
4.7568

■ 58.1830, 46.2518,
5.1015

■ 82.9690, 34.0323,
4.4122

■ 46.0890, 52.2141,
6.0609

■ 95.0630, 28.0699,
3.4527

■ 33.1090, 58.6133,
6.9204

■ 108.0430, 21.6708,
2.5933

■ 28.0920, 61.0866,
6.9353

■ 120.1370, 15.7085,
1.6339

■ 132.5300, 9.5987,
1.2892

■ 144.6240, 3.6364,
0.3298

■ 157.0170, -2.4734,
-0.0149

■ 169.6980, -8.7251,
-1.4891

■ 182.0910,
-14.8349, -1.8338

Harmonies

Analogous

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



63.4050, 52.5513, -55.6062



70.5760, 40.1420, 4.7568



53.7090, 28.7375, 69.5382

Triad

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



70.5760, 40.1420, 4.7568



66.1050, -32.5898, 46.3889



61.8360, 8.4619, -54.2302

Complementary

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



70.5760, 40.1420, 4.7568



133.4240, -40.1420, -4.7568

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.



54.6200, -14.1097, -47.9017



70.5760, 40.1420, 4.7568



66.1840, -32.6287, 12.1166

Square

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



70.5760, 40.1420, 4.7568



51.0490, -17.2792, 82.3950



55.5980, -27.4098, -28.5884



67.3080, 29.4282, -59.0291

Rectangle

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



70.5760, 40.1420, 4.7568



53.7850, 13.4170, 83.5036



55.5980, -27.4098, -28.5884



59.8980, 1.0363, -52.5305

Sweetspot

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



70.5760, 40.1420, 4.7568



164.4360, 15.5611, 2.2486



108.5990, 21.3967, -49.6373



80.1170, 9.3093, 0.7744



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



70.5760, 40.1420, 4.7568



69.7330, 62.2496, 7.2502



85.2270, 32.9191, 34.8809



70.5100, 3.1996, 0.4297



26.1260, 56.1399, 6.9055



2.3790, 5.2362, 0.5446

Inverse Universe

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



90.5640, 18.4559, 53.8794



100.7970, 28.6941, 83.4930



118.7730, -32.9191, -34.8809



72.0760, 1.4415, 4.3183



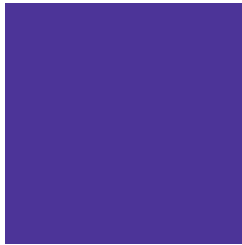
54.0580, 26.1004, 75.3711



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 70.5760, 40.1420, 4.7568 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 70.5760, 40.1420, 4.7568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

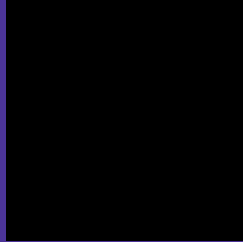
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.5760, 40.1420, 4.7568

Background



This preview shows how black text looks on a background with the YUV color 70.5760, 40.1420, 4.7568.



This preview shows how white text looks on a background with the YUV color 70.5760, 40.1420,

4.7568.

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

70.5760, 40.1420, 4.7568

Protanopia

56.4460, 43.6571, -49.5031

Deuteranopia

57.1010, 33.4742, -50.0776



Tritanopia

69.0030, 5.4215, -12.2806

Trichromacy



Original Color

70.5760, 40.1420, 4.7568

Protanomaly

61.6380, 42.5765, -29.5005

Deuteranomaly

61.9170, 36.0299, -29.7452

Tritanomaly

69.6630, 17.9141, -5.8435

Monochromacy



Original Color

70.5760, 40.1420, 4.7568

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.7950, 14.3981, 1.9338

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5760, 40.1420, 4.7568 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(76, 52, 152)` looks like.

```
.text, #text, p{  
    color:rgb(76, 52, 152)  
}
```

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(76, 52, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 52, 152) }
```

Border

The CSS property to change the border of an element to YUV 70.5760, 40.1420, 4.7568 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(76, 52, 152) }
```


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

```
.border{ border-color:rgb(76, 52, 152) }
```

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

Here you see how a box with a 4 pixel rgb(76, 52, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 52, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 52, 152);  
box-shadow:4px 4px 4px 4px rgb(76, 52,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 70.5760, 40.1420, 4.7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 52, 152) }
```

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

```
.background{ background-color: rgb(76, 52,  
152) }
```

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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