

Converting Colors

YUV(75.5420, 41.6378, -8.3683)

Have a look what the booklet for
YUV(75.5420, 41.6378, -8.3683)
contains.

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Color

**YUV(75.5420, 41.6378,
-8.3683)**

Conversions

Conversions Part 1

Format	Color
Hex	4240A0
RGB	66, 64, 160
RGB Percent	26%, 25%, 63%
CMY	0.7412, 0.7490, 0.3725
CMYK	0.59, 0.60, 0.00, 0.37
HSL	241°, 43%, 44%
HSV	241°, 60%, 63%
XYZ	10.4253, 7.3631, 34.1295
YIQ	75.5420, -29.6240, 30.2800

Conversions

Conversions Part 2

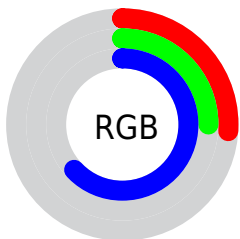
Format	Color
R_{YB}	66, 64, 160
Decimal	4341920
CIE Lab	32.62, 29.78, -52.03
CIE LCh	33, 59.949, 299.781
Yxy	7.3631, 0.2008, 0.1418
Android (android.graphics.Color)	4282532000 (0xFF4240A0)
YUV	75.5420, 41.6378, -8.3683
Hunter-Lab	27.1350, 21.0936, -55.5782

Details

The YUV color **75.5420, 41.6378, -8.3683** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **148.4580, -41.6378, 8.3683**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1450, 43.8055, -3.6352**, and **24.5250, 40.6602, -21.5084** is the 20% darker color. If you saturate the color by 10%, you get **61.3660, 48.6266, -9.9680**, and if you desaturate by 10%, it is **89.7180, 34.6490, -6.7687**.

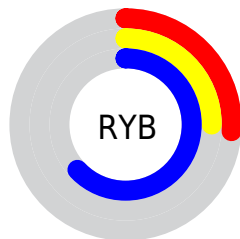
Distribution



Red (26%)

Green (25%)

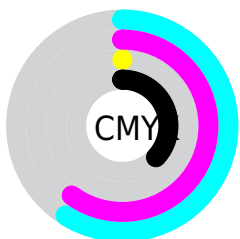
Blue (63%)



Red (26%)

Yellow (25%)

Blue (63%)

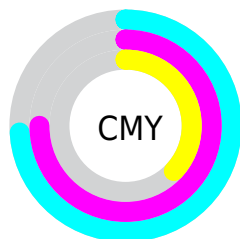


Cyan (59%)

Magenta (60%)

Yellow (0%)

Black (37%)



Cyan (74%)

Magenta (75%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5420, 41.6378, -8.3683 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 75.5420, 41.6378, -8.3683 by changing the saturation by 10% instead.

■ 75.5420, 41.6378,
-8.3683

■ 75.5420, 41.6378,
-8.3683

■ 255.0000, 0.0000,
0.0000

■ 49.9820, 40.9279,
-14.0162

■ 127.1450, 43.8055,
-3.6352

■ 24.5250, 40.6602,
-21.5084

■ 153.9710, 44.3843,
-2.6056

■ 9.4620, 36.2542,
-8.2982

■ 178.8590, 37.5375,
0.1237

■ 10.2480, 24.0347,
-8.9875

■ 203.3790, 25.4492,
4.0526

■ 5.2780, 15.1459,
-4.6288

■ 228.4860, 13.0714,
7.4668

■ 1.3680, 5.2416,
-1.1997

■ 250.3040, 2.3151,

■ 0.0000, 0.0000,

4.1184

0.0000

■ 75.5420, 41.6378,
-8.3683

■ 75.5420, 41.6378,
-8.3683

■ 61.3660, 48.6266,
-9.9680

■ 89.7180, 34.6490,
-6.7687

■ 47.4890, 55.4679,
-10.9529

■ 103.5950, 27.8077,
-5.7838

■ 33.3130, 62.4567,
-12.5525

■ 117.7710, 20.8189,
-4.1842

■ 19.1370, 69.4455,
-14.1521

■ 131.9470, 13.8301,
-2.5845

■ 145.8240, 6.9888,
-1.5996

■ 160.0000, 0.0000,
0.0000

■ 174.1760, -6.9888,
1.5996

■ 188.0530,
-13.8301, 2.5845

■ 202.2290,
-20.8189, 4.1842

Harmonies

Analogous

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



68.4430, 51.5466, -60.0245



75.5420, 41.6378, -8.3683



72.7900, 25.7395, 51.0502

Triad

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



75.5420, 41.6378, -8.3683



70.5680, -34.7900, 52.1219



64.9020, 4.9783, -56.9191

Complementary

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



75.5420, 41.6378, -8.3683



148.4580, -41.6378, 8.3683

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.



57.3270, -16.4302, -50.2758



75.5420, 41.6378, -8.3683



72.4300, -35.7080, 19.7939

Square

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



75.5420, 41.6378, -8.3683



61.2490, -13.9268, 80.4656



65.1220, -32.1051, -15.8930



70.3740, 25.9446, -61.7180

Rectangle

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



75.5420, 41.6378, -8.3683



56.2670, 19.0954, 82.2038



65.1220, -32.1051, -15.8930



62.3770, -2.1579, -54.7046

Sweetspot

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



75.5420, 41.6378, -8.3683



175.6310, 16.4509, -3.1844



130.1220, 14.7299, -57.9890



84.6220, 10.0464, -2.2995



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



75.5420, 41.6378, -8.3683



76.9970, 65.0775, -13.1524



89.8940, 34.5623, 21.1410



71.9120, 3.4944, -0.7998



17.1990, 62.0199, -12.4525



1.7100, 6.5520, -1.4997

Inverse Universe

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



103.4200, 26.9079, 49.6207



120.6080, 42.0983, 77.5198



134.1060, -34.5623, -21.1410



74.3040, 2.3151, 4.1184



58.7170, 40.0725, 73.9162



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 75.5420, 41.6378, -8.3683 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 75.5420, 41.6378, -8.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

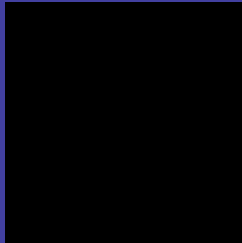
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.5420, 41.6378, -8.3683

Background



This preview shows how black text looks on a background with the YUV color 75.5420, 41.6378, -8.3683.



This preview shows how white text looks on a background with the YUV color 75.5420, 41.6378, -8.3683.

-8.3683.

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

75.5420, 41.6378, -8.3683

Protanopia

61.3360, 47.1624, -53.7917

Deuteranopia

61.8770, 36.5426, -54.2661



Tritanopia

69.7450, 9.9857, -29.5944

Trichromacy



Original Color

75.5420, 41.6378, -8.3683

Protanomaly

66.2780, 45.2189, -37.0778

Deuteranomaly

67.1440, 38.3830, -37.8373

Tritanomaly

71.7750, 21.3099, -21.7277

Monochromacy



Original Color

75.5420, 41.6378, -8.3683

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9900, 15.2879, -3.4992

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5420, 41.6378, -8.3683 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(66, 64, 160)` looks like.

```
.text, #text, p{  
    color:rgb(66, 64, 160)  
}
```

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(66, 64, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 64, 160) }
```

Border

The CSS property to change the border of an element to YUV 75.5420, 41.6378, -8.3683 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(66, 64, 160) }
```


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

```
.border{ border-color:rgb(66, 64, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 64, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 64, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 64, 160);  
box-shadow:4px 4px 4px 4px rgb(66, 64,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 75.5420, 41.6378, -8.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 64, 160) }
```

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

```
.background{ background-color: rgb(66, 64,  
160) }
```

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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