

Converting Colors

YUV(68.7640, 35.1193, 29.1480)

Have a look what the booklet for
YUV(68.7640, 35.1193, 29.1480)
contains.

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Color

**YUV(68.7640, 35.1193,
29.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	66268C
RGB	102, 38, 140
RGB Percent	40%, 15%, 55%
CMY	0.6000, 0.8510, 0.4510
CMYK	0.27, 0.73, 0.00, 0.45
HSL	278°, 57%, 35%
HSV	278°, 73%, 55%
XYZ	10.9062, 6.1045, 25.4144
YIQ	68.7640, 5.4020, 45.2900

Conversions

Conversions Part 2

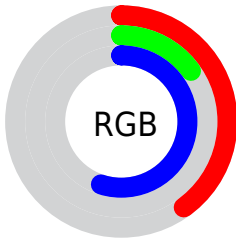
Format	Color
R_{YB}	102, 38, 140
Decimal	6694540
CIE _{Lab}	29.67, 46.10, -44.39
CIE _{LCh}	30, 63.995, 316.078
Yxy	6.1045, 0.2571, 0.1439
Android (android.graphics.Color)	4284884620 (0xFF66268C)
YUV	68.7640, 35.1193, 29.1480
Hunter-Lab	24.7072, 35.5557, -43.6920

Details

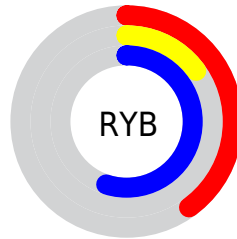
The YUV color **68.7640, 35.1193, 29.1480** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **109.2360, -35.1193, -29.1480**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.0030, 35.9875, 30.6924**, and **24.7970, 31.6521, 21.2260** is the 20% darker color. If you saturate the color by 10%, you get **59.0510, 39.9079, 33.2813**, and if you desaturate by 10%, it is **78.4770, 30.3308, 25.0147**.

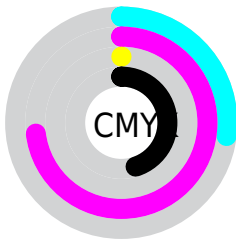
Distribution



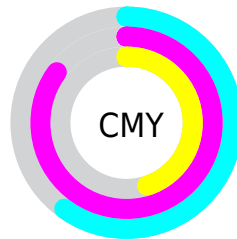
- Red (40%)
- Green (15%)
- Blue (55%)



- Red (40%)
- Yellow (15%)
- Blue (55%)



- Cyan (27%)
- Magenta (73%)
- Yellow (0%)
- Black (45%)



- Cyan (60%)
- Magenta (85%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.7640, 35.1193, 29.1480 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 68.7640, 35.1193, 29.1480 by changing the saturation by 10% instead.

68.7640, 35.1193,
29.1480

68.7640, 35.1193,
29.1480

255.0000, 0.0000,
0.0000

40.4160, 36.2769,
31.2072

121.0030, 35.9875,
30.6924

24.7970, 31.6521,
21.2260

147.9430, 37.0031,
31.6220

15.7820, 24.2645,
10.7152

175.0680, 37.4345,
33.2664

5.9620, 17.7667,
-5.2287

200.6310, 26.8039,
36.2806

2.8670, 8.4466,
-2.5144

220.3670, 17.0741,
30.3731

0.0000, 0.0000,
0.0000

237.3900, 8.6817,

15.4440

254.4130, 0.2894,
0.5148

■ 68.7640, 35.1193,
29.1480

■ 68.7640, 35.1193,
29.1480

■ 59.0510, 39.9079,
33.2813

■ 78.4770, 30.3308,
25.0147

■ 49.3380, 44.6964,
37.4146

■ 88.1900, 25.5423,
20.8814

■ 42.2720, 48.1799,
40.1035

■ 98.2020, 20.6064,
17.3628

■ 107.9150, 15.8179,
13.2295

■ 117.6280, 11.0294,
9.0962

■ 127.3410, 6.2409,
4.9629

■ 137.3530, 1.3050,
1.4444

■ 147.0660, -3.4835,
-2.6889

■ 156.7790, -8.2720,
-6.8222

Harmonies

Analogous

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



58.9540, 53.2667, -51.7027



68.7640, 35.1193, 29.1480



53.8860, 20.2692, 79.0300

Triad

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



68.7640, 35.1193, 29.1480



66.0280, -32.5518, 34.1784



63.7740, 15.8874, -55.9298

Complementary

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



68.7640, 35.1193, 29.1480



109.2360, -35.1193, -29.1480

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.



56.6720, -6.2473, -49.7013



68.7640, 35.1193, 29.1480



63.1500, -31.1329, -1.0085

Square

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



68.7640, 35.1193, 29.1480



56.8120, -28.0083, 70.3249



49.3080, -24.3088, -43.2431



68.4310, 36.2695, -60.0140

Rectangle

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



68.7640, 35.1193, 29.1480



52.8150, 4.5282, 87.8622



49.3080, -24.3088, -43.2431



61.2490, 8.7512, -53.7154

Sweetspot

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



68.7640, 35.1193, 29.1480



153.0350, 13.7867, 11.3703



72.5210, 33.2671, -30.2749



75.2210, 8.2720, 6.8222



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



68.7640, 35.1193, 29.1480



71.2000, 54.1314, 44.5516



78.7580, 24.2763, 53.7092



63.9940, 2.4680, 1.7593



39.9790, 45.8594, 37.7294



1.4670, 1.7418, 1.3444

Inverse Universe

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



72.8300, 1.5628, 58.9081



77.5550, 2.1914, 90.7213



99.2420, -24.2763, -53.7092



64.4350, 0.2785, 4.0035



45.3530, 1.7980, 76.8664



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 68.7640, 35.1193, 29.1480 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 68.7640, 35.1193, 29.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

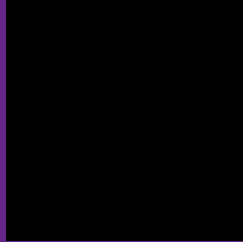
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.7640, 35.1193, 29.1480

Background



This preview shows how black text looks on a background with the YUV color 68.7640, 35.1193, 29.1480.



This preview shows how white text looks on a background with the YUV color 68.7640, 35.1193,

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

68.7640, 35.1193, 29.1480

Protanopia

56.3320, 43.2203, -49.4032

Deuteranopia

56.7420, 34.6372, -49.7627



Tritanopia

71.6430, -1.7960, 16.0991

Trichromacy



Original Color

68.7640, 35.1193, 29.1480

Protanomaly

60.8240, 40.5128, -20.8936

Deuteranomaly

61.3310, 34.8398, -21.3383

Tritanomaly

70.5200, 11.5756, 20.5920

Monochromacy



Original Color

68.7640, 35.1193, 29.1480

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0950, 12.7712, 10.4407

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.7640, 35.1193, 29.1480 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(102, 38, 140)` looks like.

```
.text, #text, p{  
    color:rgb(102, 38, 140)  
}
```

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(102, 38, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 38, 140) }
```

Border

The CSS property to change the border of an element to YUV 68.7640, 35.1193, 29.1480 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(102, 38, 140) }
```


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

```
.border{ border-color:rgb(102, 38, 140) }
```

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

Here you see how a box with a 4 pixel rgb(102, 38, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 38, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 38, 140);  
box-shadow:4px 4px 4px 4px rgb(102, 38,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 68.7640, 35.1193, 29.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 38, 140) }
```

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

```
.background{ background-color: rgb(102, 38,  
140) }
```

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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