

Converting Colors

YUV(72.8940, 38.0133, 34.2960)

Have a look what the booklet for
YUV(72.8940, 38.0133, 34.2960)
contains.

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Color

**YUV(72.8940, 38.0133,
34.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	702696
RGB	112, 38, 150
RGB Percent	44%, 15%, 59%
CMY	0.5608, 0.8510, 0.4118
CMYK	0.25, 0.75, 0.00, 0.41
HSL	280°, 60%, 37%
HSV	280°, 75%, 59%
XYZ	12.8802, 7.0330, 29.5328
YIQ	72.8940, 8.1520, 50.5200

Conversions

Conversions Part 2

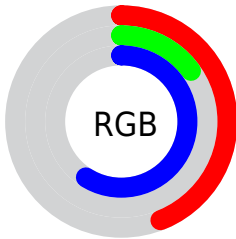
Format	Color
R_{YB}	112, 38, 150
Decimal	7349910
CIE _{Lab}	31.88, 50.43, -46.91
CIE _{LCh}	32, 68.876, 317.075
Yxy	7.0330, 0.2605, 0.1422
Android (android.graphics.Color)	4285539990 (0xFF702696)
YUV	72.8940, 38.0133, 34.2960
Hunter-Lab	26.5198, 40.2850, -47.4624

Details

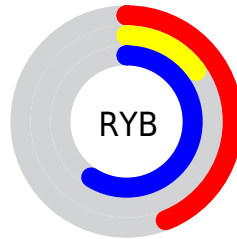
The YUV color **72.8940, 38.0133, 34.2960** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **115.1060, -38.0133, -34.2960**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.1330, 38.8814, 35.8404**, and **28.5140, 34.2566, 25.8592** is the 20% darker color. If you saturate the color by 10%, you get **62.5940, 43.0912, 38.9441**, and if you desaturate by 10%, it is **83.1940, 32.9354, 29.6479**.

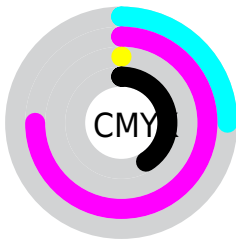
Distribution



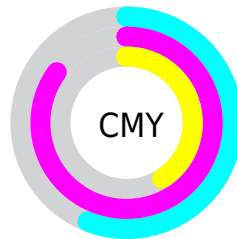
- Red (44%)
- Green (15%)
- Blue (59%)



- Red (44%)
- Yellow (15%)
- Blue (59%)



- Cyan (25%)
- Magenta (75%)
- Yellow (0%)
- Black (41%)



- Cyan (56%)
- Magenta (85%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8940, 38.0133, 34.2960 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 72.8940, 38.0133, 34.2960 by changing the saturation by 10% instead.

72.8940, 38.0133,
34.2960

72.8940, 38.0133,
34.2960

255.0000, 0.0000,
0.0000

42.4860, 40.1864,
37.2848

126.1330, 38.8814,
35.8404

28.5140, 34.2566,
25.8592

153.8450, 39.0234,
36.9699

18.6020, 27.3112,
13.5040

180.8730, 36.5446,
38.6994

5.7000, 21.8399,
-4.9989

205.3930, 24.4563,
42.6283

4.3660, 11.6516,
-3.8290

222.1280, 16.2059,
28.8287

0.0000, 0.0000,
0.0000

239.1510, 7.8136,

13.8996

■ 72.8940, 38.0133,
34.2960

■ 72.8940, 38.0133,
34.2960

■ 62.5940, 43.0912,
38.9441

■ 83.1940, 32.9354,
29.6479

■ 52.2940, 48.1691,
43.5922

■ 93.4940, 27.8575,
24.9998

■ 46.7010, 50.9264,
45.8662

■ 103.7940, 22.7796,
20.3517

■ 114.0940, 17.7017,
15.7036

■ 124.3940, 12.6238,
11.0555

■ 134.9930, 7.3985,
7.0221

■ 145.2930, 2.3206,
2.3740

■ 155.5930, -2.7573,
-2.2741

■ 165.8930, -7.8352,
-6.9222

Harmonies

Analogous

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



62.8980, 58.2243, -55.1615



72.8940, 38.0133, 34.2960



58.1580, 21.1211, 85.8074

Triad

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



72.8940, 38.0133, 34.2960



71.0560, -35.0306, 35.9079



68.4360, 18.5191, -60.0184

Complementary

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



72.8940, 38.0133, 34.2960



115.1060, -38.0133, -34.2960

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.



61.3510, -6.0890, -53.8048



72.8940, 38.0133, 34.2960



67.2700, -33.1641, -2.8678

Square

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



72.8940, 38.0133, 34.2960



60.9760, -30.0612, 75.4430



53.4170, -26.3346, -46.8467



73.4350, 40.2115, -64.4025

Rectangle

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



72.8940, 38.0133, 34.2960



56.7450, 4.0697, 94.9396



53.4170, -26.3346, -46.8467



66.2700, 10.2199, -58.1188

Sweetspot

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



72.8940, 38.0133, 34.2960



164.2740, 14.6549, 12.9147



73.6610, 37.6351, -31.2747



79.6340, 8.5614, 7.3370



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



72.8940, 38.0133, 34.2960



73.6340, 59.3404, 53.8180



82.3180, 24.9862, 59.3571



68.9940, 2.4680, 1.7593



42.9410, 46.8641, 42.1477



3.2330, 3.3361, 3.3037

Inverse Universe

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



75.8200, 0.0887, 65.0559



78.1650, 0.4117, 101.5873



105.6820, -24.9862, -59.3571



69.3210, -0.1583, 4.1035



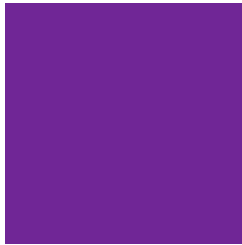
46.6200, 0.1873, 80.1403



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 72.8940, 38.0133, 34.2960 looks on a white background.

Color Contrast Check

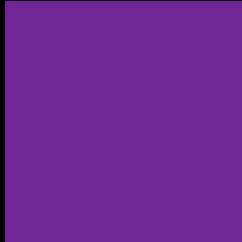
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.8940, 38.0133, 34.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

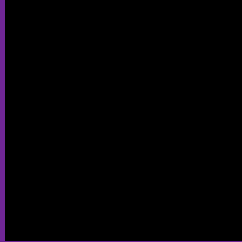
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.8940, 38.0133, 34.2960

Background



This preview shows how black text looks on a background with the YUV color 72.8940, 38.0133, 34.2960.



This preview shows how white text looks on a background with the YUV color 72.8940, 38.0133,

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

72.8940, 38.0133, 34.2960

Protanopia

60.5210, 46.5781, -53.0769

Deuteranopia

60.7030, 37.1214, -53.2365



Tritanopia

77.1380, -2.5330, 19.1730

Trichromacy



Original Color

72.8940, 38.0133, 34.2960

Protanomaly

64.9210, 43.4229, -20.9787

Deuteranomaly

65.3140, 37.3132, -21.3234

Tritanomaly

75.3680, 12.1436, 25.1103

Monochromacy



Original Color

72.8940, 38.0133, 34.2960

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.7470, 13.9287, 12.4999

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8940, 38.0133, 34.2960 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(112, 38, 150)` looks like.

```
.text, #text, p{  
    color:rgb(112, 38, 150)  
}
```

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(112, 38, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 38, 150) }
```

Border

The CSS property to change the border of an element to YUV 72.8940, 38.0133, 34.2960 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(112, 38, 150) }
```


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

```
.border{ border-color:rgb(112, 38, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 38, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 38, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 38, 150);  
box-shadow:4px 4px 4px 4px rgb(112, 38,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 72.8940, 38.0133, 34.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 38, 150) }
```

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

```
.background{ background-color: rgb(112, 38,  
150) }
```

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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