

Converting Colors

YUV(69.4100, 38.7449, 32.9664)

Have a look what the booklet for
YUV(69.4100, 38.7449, 32.9664)
contains.

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Color

**YUV(69.4100, 38.7449,
32.9664)**

Conversions

Conversions Part 1

Format	Color
Hex	6B2394
RGB	107, 35, 148
RGB Percent	42%, 14%, 58%
CMY	0.5804, 0.8627, 0.4196
CMYK	0.28, 0.76, 0.00, 0.42
HSL	278°, 62%, 36%
HSV	278°, 76%, 58%
XYZ	12.0097, 6.4660, 28.6320
YIQ	69.4100, 6.6390, 50.4070

Conversions

Conversions Part 2

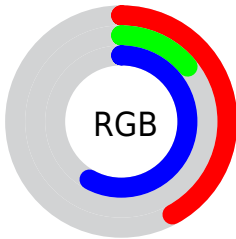
Format	Color
R_{YB}	107, 35, 148
Decimal	7021460
CIE _{Lab}	30.56, 50.22, -47.86
CIE _{LCh}	31, 69.369, 316.377
Yxy	6.4660, 0.2549, 0.1373
Android (android.graphics.Color)	4285211540 (0xFF6B2394)
YUV	69.4100, 38.7449, 32.9664
Hunter-Lab	25.4283, 39.8057, -48.9602

Details

The YUV color **69.4100, 38.7449, 32.9664** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **113.5900, -38.7449, -32.9664**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.6490, 39.6130, 34.5108**, and **26.7910, 34.1200, 22.9853** is the 20% darker color. If you saturate the color by 10%, you get **59.1100, 43.8228, 37.6145**, and if you desaturate by 10%, it is **79.7100, 33.6670, 28.3183**.

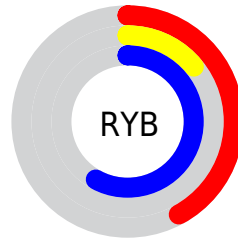
Distribution



Red (42%)

Green (14%)

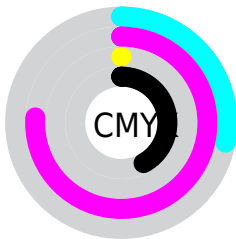
Blue (58%)



Red (42%)

Yellow (14%)

Blue (58%)

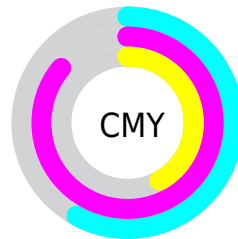


Cyan (28%)

Magenta (76%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (86%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.4100, 38.7449, 32.9664 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 69.4100, 38.7449, 32.9664 by changing the saturation by 10% instead.

69.4100, 38.7449,
32.9664

69.4100, 38.7449,
32.9664

255.0000, 0.0000,
0.0000

38.4150, 41.2074,
36.4700

122.6490, 39.6130,
34.5108

26.7910, 34.1200,
22.9853

150.0620, 39.9024,
35.0256

17.1780, 27.0272,
11.2449

176.7310, 38.5866,
37.0699

5.4720, 20.9663,
-4.7989

202.1370, 26.0615,
41.0989

3.5510, 11.0674,
-3.1142

220.3670, 17.0741,
30.3731

0.0000, 0.0000,
0.0000

236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 69.4100, 38.7449,
32.9664

■ 69.4100, 38.7449,
32.9664

■ 59.1100, 43.8228,
37.6145

■ 79.7100, 33.6670,
28.3183

■ 48.5110, 49.0481,
41.6479

■ 90.3090, 28.4417,
24.2850

■ 44.9780, 50.7898,
42.9923

■ 100.0220, 23.6532,
20.1517

■ 110.3220, 18.5753,
15.5036

■ 120.9210, 13.3499,
11.4703

■ 131.2210, 8.2720,
6.8222

■ 141.8200, 3.0467,
2.7889

■ 151.5330, -1.7418,
-1.3444

■ 161.8330, -6.8197,
-5.9925

Harmonies

Analogous

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



61.3820, 57.4927, -53.8320



69.4100, 38.7449, 32.9664



56.7340, 20.8371, 83.5483

Triad

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



69.4100, 38.7449, 32.9664



68.3980, -33.7202, 35.6080



66.1050, 17.2032, -57.9741

Complementary

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



69.4100, 38.7449, 32.9664



113.5900, -38.7449, -32.9664

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.



58.4330, -7.1155, -51.2457



69.4100, 38.7449, 32.9664



64.6120, -31.8537, -3.1677

Square

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



69.4100, 38.7449, 32.9664



55.9700, -27.5932, 77.2023



51.0690, -25.1770, -44.7875



71.2180, 39.3325, -62.4582

Rectangle

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



69.4100, 38.7449, 32.9664



55.3210, 3.7857, 92.6805



51.0690, -25.1770, -44.7875



64.0530, 9.3409, -56.1745

Sweetspot

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



69.4100, 38.7449, 32.9664



160.3880, 15.0917, 12.8147



71.9490, 37.4931, -32.4043



78.1610, 9.2876, 7.7518



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.



69.4100, 38.7449, 32.9664



68.5520, 60.3669, 51.2589



79.9590, 26.1492, 59.6720



68.9940, 2.4680, 1.7593



42.0440, 47.3063, 40.3034



2.9340, 3.4835, 2.6889

Inverse Universe

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



73.4610, 1.2517, 65.3707



74.9200, 2.0114, 101.8022



103.0410, -26.1492, -59.6720



69.3210, -0.1583, 4.1035



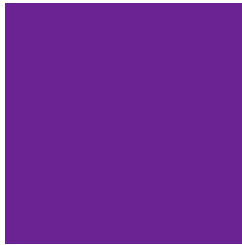
46.9620, 1.4977, 79.8403



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 69.4100, 38.7449, 32.9664 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 69.4100, 38.7449, 32.9664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

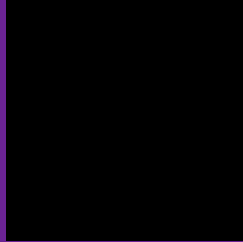
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.4100, 38.7449, 32.9664

Background



This preview shows how black text looks on a background with the YUV color 69.4100, 38.7449, 32.9664.



This preview shows how white text looks on a background with the YUV color 69.4100, 38.7449,

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

69.4100, 38.7449, 32.9664

Protanopia

58.0760, 44.8255, -50.9327

Deuteranopia

58.8450, 35.0794, -51.6071



Tritanopia

74.2410, -2.0908, 17.3286

Trichromacy



Original Color

69.4100, 38.7449, 32.9664

Protanomaly

62.1060, 42.8387, -20.2640

Deuteranomaly

62.4990, 36.7290, -20.6086

Tritanomaly

72.4710, 12.5858, 23.2659

Monochromacy



Original Color

69.4100, 38.7449, 32.9664

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.4480, 14.0761, 11.8851

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.4100, 38.7449, 32.9664 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(107, 35, 148)` looks like.

```
.text, #text, p{  
    color:rgb(107, 35, 148)  
}
```

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(107, 35, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 35, 148) }
```

Border

The CSS property to change the border of an element to YUV 69.4100, 38.7449, 32.9664 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(107, 35, 148) }
```


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

```
.border{ border-color:rgb(107, 35, 148) }
```

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

Here you see how a box with a 4 pixel rgb(107, 35, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 35, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 35, 148);  
box-shadow:4px 4px 4px 4px rgb(107, 35,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 69.4100, 38.7449, 32.9664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 35, 148) }
```

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

```
.background{ background-color: rgb(107, 35,  
148) }
```

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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