

Converting Colors

YUV(69.9050, 34.5568, 22.8853)

Have a look what the booklet for
YUV(69.9050, 34.5568, 22.8853)
contains.

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Color

**YUV(69.9050, 34.5568,
22.8853)**

Conversions

Conversions Part 1

Format	Color
Hex	602B8C
RGB	96, 43, 140
RGB Percent	38%, 17%, 55%
CMY	0.6235, 0.8314, 0.4510
CMYK	0.31, 0.69, 0.00, 0.45
HSL	273°, 53%, 36%
HSV	273°, 69%, 55%
XYZ	10.4214, 6.1080, 25.4406
YIQ	69.9050, 0.4510, 41.4030

Conversions

Conversions Part 2

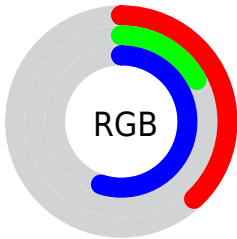
Format	Color
R_{YB}	96, 43, 140
Decimal	6302604
CIE _{Lab}	29.68, 42.40, -44.42
CIE _{LCh}	30, 61.408, 313.669
Yxy	6.1080, 0.2483, 0.1455
Android (android.graphics.Color)	4284492684 (0xFF602B8C)
YUV	69.9050, 34.5568, 22.8853
Hunter-Lab	24.7144, 32.0184, -43.7323

Details

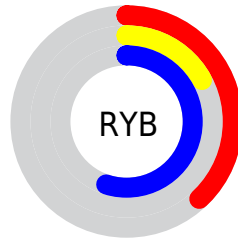
The YUV color **69.9050, 34.5568, 22.8853** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **113.0950, -34.5568, -22.8853**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5570, 35.7144, 24.9445**, and **23.0030, 32.5365, 17.5374** is the 20% darker color. If you saturate the color by 10%, you get **59.8930, 39.4928, 26.4038**, and if you desaturate by 10%, it is **79.9170, 29.6209, 19.3668**.

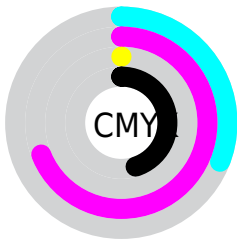
Distribution



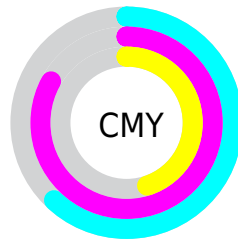
- Red (38%)
- Green (17%)
- Blue (55%)



- Red (38%)
- Yellow (17%)
- Blue (55%)



- Cyan (31%)
- Magenta (69%)
- Yellow (0%)
- Black (45%)



- Cyan (62%)
- Magenta (83%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.9050, 34.5568, 22.8853 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 69.9050, 34.5568, 22.8853 by changing the saturation by 10% instead.

69.9050, 34.5568,
22.8853

69.9050, 34.5568,
22.8853

255.0000, 0.0000,
0.0000

43.9050, 34.5568,
22.8853

121.5570, 35.7144,
24.9445

23.0030, 32.5365,
17.5374

147.9100, 37.0194,
26.3889

13.9880, 25.1489,
7.0265

175.3230, 37.3088,
26.9037

6.5490, 17.4773,
-5.7435

200.2990, 26.9676,
30.4328

2.8670, 8.4466,
-2.5144

222.7150, 15.9165,
28.3139

0.0000, 0.0000,
0.0000

239.1510, 7.8136,

13.8996

■ 69.9050, 34.5568,
22.8853

■ 69.9050, 34.5568,
22.8853

■ 59.8930, 39.4928,
26.4038

■ 79.9170, 29.6209,
19.3668

■ 49.5820, 44.5761,
29.3076

■ 90.2280, 24.5376,
16.4630

■ 39.5700, 49.5120,
32.8261

■ 100.2400, 19.6017,
12.9445

■ 38.6840, 49.9488,
32.7261

■ 110.2520, 14.6658,
9.4260

■ 120.5630, 9.5824,
6.5222

■ 130.5750, 4.6465,
3.0037

■ 140.5870, -0.2894,
-0.5148

■ 150.8980, -5.3727,
-3.4185

■ 160.9100,
-10.3086, -6.9371

Harmonies

Analogous

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



59.1990, 51.6669, -51.9175



69.9050, 34.5568, 22.8853



52.7330, 22.3166, 75.6562

Triad

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



69.9050, 34.5568, 22.8853



66.0390, -32.5572, 35.9228



62.6170, 13.9928, -54.9151

Complementary

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



69.9050, 34.5568, 22.8853



113.0950, -34.5568, -22.8853

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.



56.3300, -7.5577, -49.4014



69.9050, 34.5568, 22.8853



64.0580, -31.5806, 2.5801

Square

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



69.9050, 34.5568, 22.8853



56.8120, -28.0083, 70.3249



49.3080, -24.3088, -43.2431



67.1600, 33.9381, -58.8993

Rectangle

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



69.9050, 34.5568, 22.8853



52.0750, 6.8650, 85.0032



49.3080, -24.3088, -43.2431



60.7930, 7.0041, -53.3155

Sweetspot

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



69.9050, 34.5568, 22.8853



153.6110, 13.5028, 9.1112



80.4730, 29.3468, -32.8638



75.2100, 8.2775, 5.0778



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.



69.9050, 34.5568, 22.8853



72.6180, 53.4323, 35.4150



82.7190, 26.7605, 50.2354



63.9940, 2.4680, 1.7593



36.6900, 47.4808, 30.9669



1.4670, 1.7418, 1.3444

Inverse Universe

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



77.0190, 4.9206, 55.2343



83.6020, 7.5912, 85.4180



100.2810, -26.7605, -50.2354



64.4350, 0.2785, 4.0035



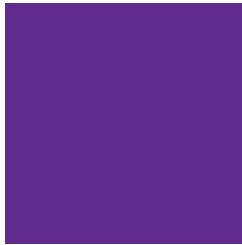
46.6070, 6.6027, 75.7667



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 69.9050, 34.5568, 22.8853 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 69.9050, 34.5568, 22.8853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

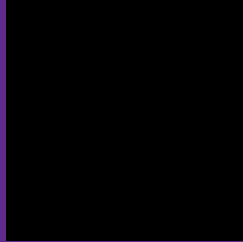
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.9050, 34.5568, 22.8853

Background



This preview shows how black text looks on a background with the YUV color 69.9050, 34.5568, 22.8853.



This preview shows how white text looks on a background with the YUV color 69.9050, 34.5568,

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

69.9050, 34.5568, 22.8853

Protanopia

56.3320, 43.2203, -49.4032

Deuteranopia

56.6280, 34.2004, -49.6628



Tritanopia

71.6530, -0.3219, 9.9513

Trichromacy



Original Color

69.9050, 34.5568, 22.8853

Protanomaly

61.4000, 40.2288, -23.1528

Deuteranomaly

61.2060, 34.4084, -22.9827

Tritanomaly

71.3020, 12.1761, 14.6441

Monochromacy



Original Color

69.9050, 34.5568, 22.8853

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.6710, 12.4872, 8.1815

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.9050, 34.5568, 22.8853 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(96, 43, 140)` looks like.

```
.text, #text, p{  
    color:rgb(96, 43, 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(96, 43, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 43, 140) }
```

Border

The CSS property to change the border of an element to YUV 69.9050, 34.5568, 22.8853 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(96, 43, 140) }
```


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

```
.border{ border-color:rgb(96, 43, 140) }
```

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

Here you see how a box with a 4 pixel rgb(96, 43, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 43, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 43, 140);  
box-shadow:4px 4px 4px 4px rgb(96, 43,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 69.9050, 34.5568, 22.8853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 43, 140) }
```

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

```
.background{ background-color: rgb(96, 43,  
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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