

Converting Colors

YUV(68.4430, 35.2776, 25.0445)

Have a look what the booklet for
YUV(68.4430, 35.2776, 25.0445)
contains.

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Color

**YUV(68.4430, 35.2776,
25.0445)**

Conversions

Conversions Part 1

Format	Color
Hex	61288C
RGB	97, 40, 140
RGB Percent	38%, 16%, 55%
CMY	0.6196, 0.8431, 0.4510
CMYK	0.31, 0.71, 0.00, 0.45
HSL	274°, 56%, 35%
HSV	274°, 71%, 55%
XYZ	10.4222, 5.9524, 25.4106
YIQ	68.4430, 1.8720, 43.1840

Conversions

Conversions Part 2

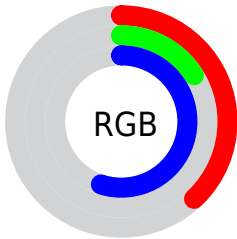
Format	Color
RYB	97, 40, 140
Decimal	6367372
CIELab	29.29, 44.09, -45.05
CIELCh	29, 63.035, 314.389
Yxy	5.9524, 0.2494, 0.1425
Android (android.graphics.Color)	4284557452 (0xFF61288C)
YUV	68.4430, 35.2776, 25.0445
Hunter-Lab	24.3976, 33.5560, -44.6734

Details

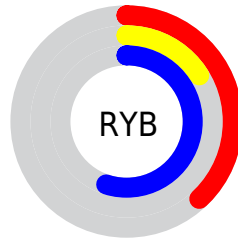
The YUV color **68.4430, 35.2776, 25.0445** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **111.5570, -35.2776, -25.0445**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.0950, 36.4352, 27.1037**, and **23.3020, 32.3891, 18.1521** is the 20% darker color. If you saturate the color by 10%, you get **58.4310, 40.2135, 28.5630**, and if you desaturate by 10%, it is **78.4550, 30.3417, 21.5260**.

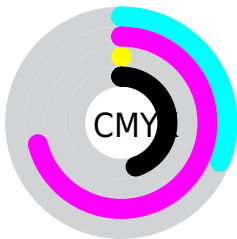
Distribution



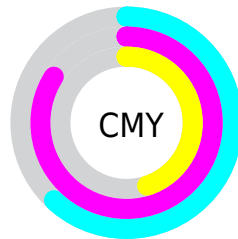
- Red (38%)
- Green (16%)
- Blue (55%)



- Red (38%)
- Yellow (16%)
- Blue (55%)



- Cyan (31%)
- Magenta (71%)
- Yellow (0%)
- Black (45%)



- Cyan (62%)
- Magenta (84%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.4430, 35.2776, 25.0445 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 68.4430, 35.2776, 25.0445 by changing the saturation by 10% instead.

68.4430, 35.2776,
25.0445

68.4430, 35.2776,
25.0445

255.0000, 0.0000,
0.0000

41.8560, 35.5670,
25.5593

120.0950, 36.4352,
27.1037

23.3020, 32.3891,
18.1521

147.0350, 37.4507,
28.0333

13.9880, 25.1489,
7.0265

174.1600, 37.8821,
29.6777

6.5490, 17.4773,
-5.7435

199.1360, 27.5410,
33.2067

2.8670, 8.4466,
-2.5144

220.9540, 16.7847,
29.8583

0.0000, 0.0000,
0.0000

237.3900, 8.6817,

15.4440

■ 68.4430, 35.2776,
25.0445

■ 68.4430, 35.2776,
25.0445

■ 58.4310, 40.2135,
28.5630

■ 78.4550, 30.3417,
21.5260

■ 48.4190, 45.1494,
32.0815

■ 88.4670, 25.4058,
18.0074

■ 39.8800, 49.3592,
35.1852

■ 98.4790, 20.4699,
14.4889

■ 108.4910, 15.5339,
10.9704

■ 118.5030, 10.5980,
7.4519

■ 128.5150, 5.6621,
3.9333

■ 138.5270, 0.7262,
0.4148

■ 148.5390, -4.2097,
-3.1037

■ 158.5510, -9.1456,
-6.6222

Harmonies

Analogous

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



58.8400, 52.8299, -51.6027



68.4430, 35.2776, 25.0445



52.9180, 21.7324, 76.3709

Triad

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



68.4430, 35.2776, 25.0445



65.1530, -32.1204, 35.8228



62.1440, 14.7190, -54.5003

Complementary

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



68.4430, 35.2776, 25.0445



111.5570, -35.2776, -25.0445

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.



55.7430, -7.2683, -48.8866



68.4430, 35.2776, 25.0445



62.5740, -30.8490, 1.2506

Square

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



68.4430, 35.2776, 25.0445



55.3390, -27.2821, 70.7397



48.7210, -24.0195, -42.7283



67.2740, 34.3749, -58.9993

Rectangle

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



68.4430, 35.2776, 25.0445



52.1460, 5.8440, 85.8180



48.7210, -24.0195, -42.7283



60.2060, 7.2934, -52.8007

Sweetspot

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



68.4430, 35.2776, 25.0445



153.9100, 13.3554, 9.7259



76.6410, 31.2360, -32.1342



75.5090, 8.1301, 5.6926



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.



68.4430, 35.2776, 25.0445



69.3950, 55.0213, 39.1186



80.5020, 25.8815, 52.1797



63.9940, 2.4680, 1.7593



37.8860, 46.8912, 33.4260



1.4670, 1.7418, 1.3444

Inverse Universe

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



74.8020, 4.0416, 57.1786



79.2820, 6.2700, 89.2067



99.4980, -25.8815, -52.1797



64.4350, 0.2785, 4.0035



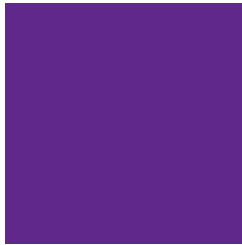
46.2650, 5.2924, 76.0666



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 68.4430, 35.2776, 25.0445 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 68.4430, 35.2776, 25.0445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

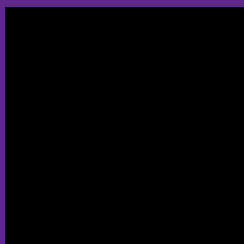
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.4430, 35.2776, 25.0445

Background



This preview shows how black text looks on a background with the YUV color 68.4430, 35.2776, 25.0445.



This preview shows how white text looks on a background with the YUV color 68.4430, 35.2776,

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

68.4430, 35.2776, 25.0445

Protanopia

55.5170, 42.6361, -48.6884

Deuteranopia

55.9270, 34.0530, -49.0480



Tritanopia

70.5500, -0.7641, 11.7957

Trichromacy



Original Color

68.4430, 35.2776, 25.0445

Protanomaly

59.9980, 39.9340, -21.9232

Deuteranomaly

60.5050, 34.2610, -22.3679

Tritanomaly

69.7260, 12.4601, 16.9033

Monochromacy



Original Color

68.4430, 35.2776, 25.0445

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.3830, 12.6292, 9.3111

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.4430, 35.2776, 25.0445 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(97, 40, 140)` looks like.

```
.text, #text, p{  
    color:rgb(97, 40, 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(97, 40, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 40, 140) }
```

Border

The CSS property to change the border of an element to YUV 68.4430, 35.2776, 25.0445 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(97, 40, 140) }
```


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

```
.border{ border-color:rgb(97, 40, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 40, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 40, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 40, 140);  
box-shadow:4px 4px 4px 4px rgb(97, 40,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 68.4430, 35.2776, 25.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 40, 140) }
```

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

```
.background{ background-color: rgb(97, 40,  
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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