

Converting Colors

YUV(68.2870, 48.6655, 24.3043)

Have a look what the booklet for
YUV(68.2870, 48.6655, 24.3043)
contains.

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Color

**YUV(68.2870, 48.6655,
24.3043)**

Conversions

Conversions Part 1

Format	Color
Hex	6023A7
RGB	96, 35, 167
RGB Percent	38%, 14%, 65%
CMY	0.6235, 0.8627, 0.3451
CMYK	0.43, 0.79, 0.00, 0.35
HSL	268°, 65%, 40%
HSV	268°, 79%, 65%
XYZ	12.4000, 6.4789, 37.1562
YIQ	68.2870, -6.0160, 53.9840

Conversions

Conversions Part 2

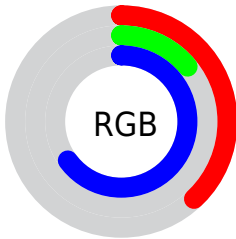
Format	Color
RYB	96, 35, 167
Decimal	6300583
CIELab	30.59, 52.77, -59.43
CIElCh	31, 79.481, 311.601
Yxy	6.4789, 0.2213, 0.1156
Android (android.graphics.Color)	4284490663 (0xFF6023A7)
YUV	68.2870, 48.6655, 24.3043
Hunter-Lab	25.4536, 42.4139, -68.7316

Details

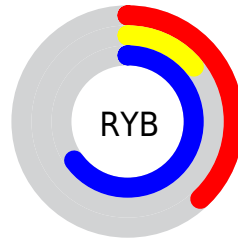
The YUV color **68.2870, 48.6655, 24.3043** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **133.7130, -48.6655, -24.3043**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2380, 49.6757, 26.9783**, and **23.7600, 44.4883, 10.7345** is the 20% darker color. If you saturate the color by 10%, you get **55.6170, 54.9118, 27.5229**, and if you desaturate by 10%, it is **80.9570, 42.4192, 21.0857**.

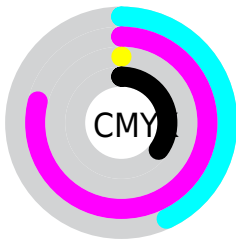
Distribution



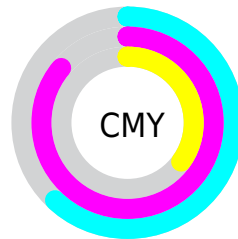
- Red (38%)
- Green (14%)
- Blue (65%)



- Red (38%)
- Yellow (14%)
- Blue (65%)



- Cyan (43%)
- Magenta (79%)
- Yellow (0%)
- Black (35%)



- Cyan (62%)
- Magenta (86%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.2870, 48.6655, 24.3043 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 68.2870, 48.6655, 24.3043 by changing the saturation by 10% instead.

68.2870, 48.6655,
24.3043

68.2870, 48.6655,
24.3043

255.0000, 0.0000,
0.0000

37.1670, 50.6967,
26.1635

122.2380, 49.6757,
26.9783

23.7600, 44.4883,
10.7345

149.1780, 50.6912,
27.9079

10.1460, 38.8750,
-8.8980

174.3390, 39.7659,
32.1517

7.2960, 27.9551,
-6.3986

198.8590, 27.6775,
36.0807

6.4350, 17.0405,
-5.6435

219.7800, 17.3635,
30.8879

2.7530, 8.0098,
-2.4144

236.8030, 8.9711,

0.0000, 0.0000,

15.9588

0.0000

253.8260, 0.5788,
1.0296

■ 68.2870, 48.6655,
24.3043

■ 68.2870, 48.6655,
24.3043

■ 55.6170, 54.9118,
27.5229

■ 80.9570, 42.4192,
21.0857

■ 43.5340, 60.8687,
30.2267

■ 93.0400, 36.4623,
18.3819

■ 42.0610, 61.5949,
30.6415

■ 105.7100, 30.2160,
15.1633

■ 118.3800, 23.9697,
11.9447

■ 130.4630, 18.0127,
9.2409

■ 143.1330, 11.7664,
6.0224

■ 155.8030, 5.5201,
2.8038

■ 168.4730, -0.7262,
-0.4148

■ 180.5560, -6.6831,
-3.1186

Harmonies

Analogous

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



65.8960, 64.6343, -57.7908



68.2870, 48.6655, 24.3043



60.1240, 26.0679, 85.8373

Triad

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



68.2870, 48.6655, 24.3043



67.2790, -33.1685, 45.3593



66.1220, 14.7299, -57.9890

Complementary

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



68.2870, 48.6655, 24.3043



133.7130, -48.6655, -24.3043

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.



57.1960, -14.3936, -50.1609



68.2870, 48.6655, 24.3043



65.2320, -32.1594, 1.5505

Square

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



68.2870, 48.6655, 24.3043



46.6440, -22.9955, 95.9052



51.6560, -25.4664, -45.3023



73.4350, 40.2115, -64.4025

Rectangle

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



68.2870, 48.6655, 24.3043



59.6360, 6.0955, 98.5432



51.6560, -25.4664, -45.3023



63.6140, 5.1203, -55.7895

Sweetspot

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



68.2870, 48.6655, 24.3043



178.1040, 19.1757, 9.5558



92.8990, 36.5318, -50.7774



86.1330, 11.7664, 6.0224



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



68.2870, 48.6655, 24.3043



62.8890, 75.9767, 37.8083



87.4230, 39.2315, 63.6500



78.1080, 2.9048, 1.6593



37.2040, 54.6224, 27.0081



4.9710, 7.4093, 3.5334

Inverse Universe

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



82.5620, 11.5549, 74.0521



85.2480, 18.1187, 115.5465



114.5770, -39.2315, -63.6500



78.8480, 0.5679, 4.5183



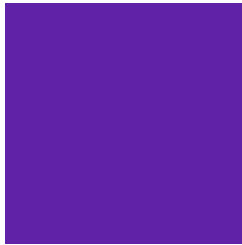
53.3720, 13.1276, 82.9888



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 68.2870, 48.6655, 24.3043 looks on a white background.

Color Contrast Check

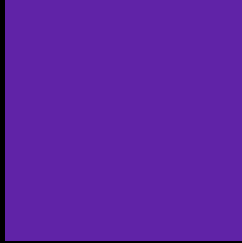
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.2870, 48.6655, 24.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

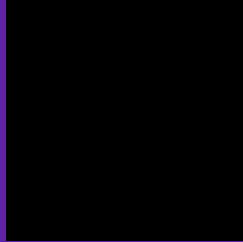
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.2870, 48.6655, 24.3043

Background



This preview shows how black text looks on a background with the YUV color 68.2870, 48.6655, 24.3043.



This preview shows how white text looks on a background with the YUV color 68.2870, 48.6655,

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

68.2870, 48.6655, 24.3043

Protanopia

57.9620, 44.3887, -50.8327

Deuteranopia

58.6170, 34.2058, -51.4071



Tritanopia

72.8800, 2.0312, 1.8592

Trichromacy



Original Color

68.2870, 48.6655, 24.3043

Protanomaly

61.5940, 46.0492, -23.3229

Deuteranomaly

61.8730, 39.5026, -23.5676

Tritanomaly

71.4030, 19.0283, 10.1706

Monochromacy



Original Color

68.2870, 48.6655, 24.3043

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0500, 17.7233, 8.7262

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.2870, 48.6655, 24.3043 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, 35, 167)` looks like.

```
.text, #text, p{  
    color:rgb(96, 35, 167)  
}
```

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, 35, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 35, 167) }
```

Border

The CSS property to change the border of an element to YUV 68.2870, 48.6655, 24.3043 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, 35, 167) }
```


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

```
.border{ border-color:rgb(96, 35, 167) }
```

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

Here you see how a box with a 4 pixel rgb(96, 35, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 35, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 35, 167);  
box-shadow:4px 4px 4px 4px rgb(96, 35,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 68.2870, 48.6655, 24.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 35, 167) }
```

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

```
.background{ background-color: rgb(96, 35,  
167) }
```

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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