

Converting Colors

YUV(70.8530, 43.4565, 15.0379)

Have a look what the booklet for
YUV(70.8530, 43.4565, 15.0379)
contains.

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Color

**YUV(70.8530, 43.4565,
15.0379)**

Conversions

Conversions Part 1

Format	Color
Hex	582D9F
RGB	88, 45, 159
RGB Percent	35%, 18%, 62%
CMY	0.6549, 0.8235, 0.3765
CMYK	0.45, 0.72, 0.00, 0.38
HSL	263°, 56%, 40%
HSV	263°, 72%, 62%
XYZ	11.2209, 6.4547, 33.4554
YIQ	70.8530, -10.9660, 44.5700

Conversions

Conversions Part 2

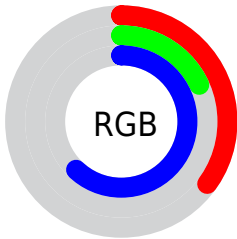
Format	Color
R_{YB}	88, 45, 159
Decimal	5778847
CIE _{Lab}	30.53, 44.71, -54.73
CIE _{LCh}	31, 70.674, 309.248
Yxy	6.4547, 0.2195, 0.1262
Android (android.graphics.Color)	4283968927 (0xFF582D9F)
YUV	70.8530, 43.4565, 15.0379
Hunter-Lab	25.4061, 34.3761, -60.2903

Details

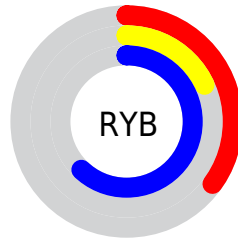
The YUV color **70.8530, 43.4565, 15.0379** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **133.1470, -43.4565, -15.0379**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.7440, 45.4822, 18.6415**, and **20.7550, 42.0258, 7.2309** is the 20% darker color. If you saturate the color by 10%, you get **58.4710, 49.5608, 17.1269**, and if you desaturate by 10%, it is **83.2350, 37.3521, 12.9489**.

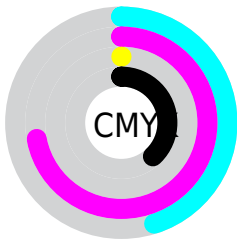
Distribution



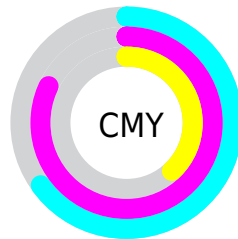
- Red (35%)
- Green (18%)
- Blue (62%)



- Red (35%)
- Yellow (18%)
- Blue (62%)



- Cyan (45%)
- Magenta (72%)
- Yellow (0%)
- Black (38%)



- Cyan (65%)
- Magenta (82%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.8530, 43.4565, 15.0379 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 70.8530, 43.4565, 15.0379 by changing the saturation by 10% instead.

70.8530, 43.4565,
15.0379

70.8530, 43.4565,
15.0379

255.0000, 0.0000,
0.0000

44.7280, 43.0251,
13.3935

122.7440, 45.4822,
18.6415

20.7550, 42.0258,
7.2309

149.5700, 46.0610,
19.6711

9.3480, 35.8174,
-8.1982

175.4580, 39.2142,
22.4003

7.6720, 24.3187,
-6.7283

199.9780, 27.1258,
26.3293

5.1640, 14.7091,
-4.5288

223.3020, 15.6271,
27.7991

1.1400, 4.3680,
-0.9998

240.3250, 7.2348,

0.0000, 0.0000,

12.8700

0.0000

■ 70.8530, 43.4565,
15.0379

■ 70.8530, 43.4565,
15.0379

■ 58.4710, 49.5608,
17.1269

■ 83.2350, 37.3521,
12.9489

■ 46.0890, 55.6651,
19.2159

■ 95.6170, 31.2478,
10.8599

■ 36.0660, 60.6065,
20.9901

■ 107.9990, 25.1435,
8.7709

■ 120.3810, 19.0392,
6.6819

■ 132.7630, 12.9348,
4.5928

■ 144.2590, 7.2673,
2.4039

■ 156.6410, 1.1630,
0.3148

■ 169.0230, -4.9413,
-1.7742

■ 181.4050,
-11.0457, -3.8632

Harmonies

Analogous

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



64.8870, 58.2297, -56.9059



70.8530, 43.4565, 15.0379



56.4220, 27.4000, 78.5599

Triad

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



70.8530, 43.4565, 15.0379



67.2790, -33.1685, 45.3593



64.6230, 11.5249, -56.6744

Complementary

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



70.8530, 43.4565, 15.0379



133.1470, -43.4565, -15.0379

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.



56.7230, -13.6674, -49.7461



70.8530, 43.4565, 15.0379



66.1510, -32.6124, 6.8836

Square

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



70.8530, 43.4565, 15.0379



45.1490, -22.2585, 92.8313



50.4820, -24.8876, -44.2727



70.7790, 35.1120, -62.0732

Rectangle

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



70.8530, 43.4565, 15.0379



56.8030, 9.4641, 91.3808



50.4820, -24.8876, -44.2727



61.8700, 3.5151, -54.2600

Sweetspot

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



70.8530, 43.4565, 15.0379



171.3270, 17.5868, 5.8522



100.2600, 28.9588, -48.4630



83.4810, 10.6089, 3.9632



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



70.8530, 43.4565, 15.0379



69.3250, 67.8738, 23.3940



87.5970, 35.2017, 49.4654



72.8090, 3.0522, 1.0445



32.4480, 54.5021, 18.9011



3.5040, 5.6675, 2.1890

Inverse Universe

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



87.1800, 14.2083, 62.9861



94.8760, 22.2461, 98.3327



116.4030, -35.2017, -49.4654



73.9620, 1.0047, 4.4183



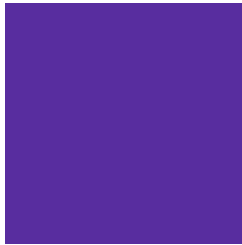
52.9030, 17.7958, 79.0151



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 70.8530, 43.4565, 15.0379 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 70.8530, 43.4565, 15.0379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

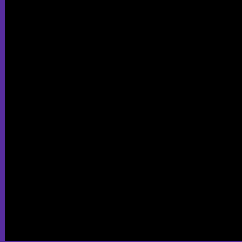
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.8530, 43.4565, 15.0379

Background



This preview shows how black text looks on a background with the YUV color 70.8530, 43.4565, 15.0379.



This preview shows how white text looks on a background with the YUV color 70.8530, 43.4565,

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

70.8530, 43.4565, 15.0379

Protanopia

57.8480, 43.9519, -50.7327

Deuteranopia

57.9160, 34.0584, -50.7923



Tritanopia

72.0750, 2.9210, -3.5738

Trichromacy



Original Color

70.8530, 43.4565, 15.0379

Protanomaly

62.5890, 43.5866, -26.8266

Deuteranomaly

62.3950, 37.7663, -26.6564

Tritanomaly

71.6040, 17.4502, 2.9783

Monochromacy



Original Color

70.8530, 43.4565, 15.0379

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1590, 15.6976, 5.1226

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.8530, 43.4565, 15.0379 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(88, 45, 159)` looks like.

```
.text, #text, p{  
    color:rgb(88, 45, 159)  
}
```

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(88, 45, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 45, 159) }
```

Border

The CSS property to change the border of an element to YUV 70.8530, 43.4565, 15.0379 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(88, 45, 159) }
```


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

```
.border{ border-color:rgb(88, 45, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 45, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 45, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 45, 159);  
box-shadow:4px 4px 4px 4px rgb(88, 45,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 70.8530, 43.4565, 15.0379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 45, 159) }
```

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

```
.background{ background-color: rgb(88, 45,  
159) }
```

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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