

Converting Colors

YUV(69.3580, 44.1935, 11.9640)

Have a look what the booklet for
YUV(69.3580, 44.1935, 11.9640)
contains.

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Color

**YUV(69.3580, 44.1935,
11.9640)**

Conversions

Conversions Part 1

Format	Color
Hex	532D9F
RGB	83, 45, 159
RGB Percent	33%, 18%, 62%
CMY	0.6745, 0.8235, 0.3765
CMYK	0.48, 0.72, 0.00, 0.38
HSL	260°, 56%, 40%
HSV	260°, 72%, 62%
XYZ	10.7637, 6.2190, 33.4340
YIQ	69.3580, -13.9460, 43.5100

Conversions

Conversions Part 2

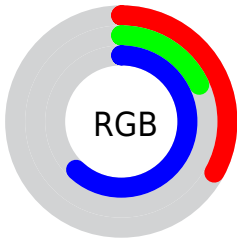
Format	Color
R_{YB}	83, 45, 159
Decimal	5451167
CIE _{Lab}	29.96, 43.81, -55.69
CIE _{LCh}	30, 70.856, 308.190
Yxy	6.2190, 0.2135, 0.1234
Android (android.graphics.Color)	4283641247 (0xFF532D9F)
YUV	69.3580, 44.1935, 11.9640
Hunter-Lab	24.9379, 33.4028, -62.0330

Details

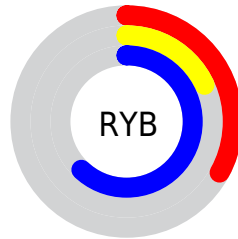
The YUV color **69.3580, 44.1935, 11.9640** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **134.6420, -44.1935, -11.9640**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.2490, 46.2192, 15.5676**, and **18.0640, 43.3524, 1.6979** is the 20% darker color. If you saturate the color by 10%, you get **56.6770, 50.4452, 13.4383**, and if you desaturate by 10%, it is **82.0390, 37.9418, 10.4898**.

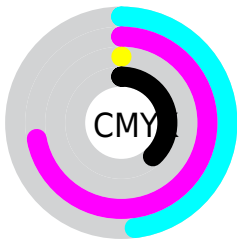
Distribution



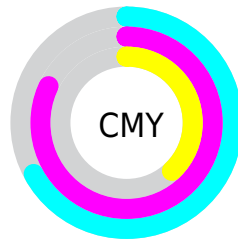
- Red (33%)
- Green (18%)
- Blue (62%)



- Red (33%)
- Yellow (18%)
- Blue (62%)



- Cyan (48%)
- Magenta (72%)
- Yellow (0%)
- Black (38%)



- Cyan (67%)
- Magenta (82%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.3580, 44.1935, 11.9640 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 69.3580, 44.1935, 11.9640 by changing the saturation by 10% instead.

69.3580, 44.1935,
11.9640

69.3580, 44.1935,
11.9640

255.0000, 0.0000,
0.0000

42.9340, 43.9095,
9.7049

121.2490, 46.2192,
15.5676

18.0640, 43.3524,
1.6979

148.0750, 46.7980,
16.5972

9.3480, 35.8174,
-8.1982

173.3760, 40.2406,
19.8412

9.4330, 23.4505,
-8.2727

197.8960, 28.1523,
23.7702

5.1640, 14.7091,
-4.5288

223.3020, 15.6271,
27.7991

1.0260, 3.9312,
-0.8998

239.7380, 7.5242,

0.0000, 0.0000,

13.3848

0.0000

■ 69.3580, 44.1935,
11.9640

■ 69.3580, 44.1935,
11.9640

■ 56.6770, 50.4452,
13.4383

■ 82.0390, 37.9418,
10.4898

■ 44.2950, 56.5496,
15.5273

■ 94.4210, 31.8374,
8.4008

■ 33.9730, 61.6383,
16.6867

■ 107.1020, 25.5857,
6.9265

■ 119.4840, 19.4814,
4.8375

■ 132.1650, 13.2297,
3.3633

■ 144.2590, 7.2673,
2.4039

■ 156.6410, 1.1630,
0.3148

■ 169.3220, -5.0887,
-1.1594

■ 181.7040,
-11.1931, -3.2484

Harmonies

Analogous

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



64.1860, 58.0823, -56.2911



69.3580, 44.1935, 11.9640



55.9380, 28.1316, 77.2304

Triad

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



69.3580, 44.1935, 11.9640



65.5180, -32.3004, 46.9037



63.1070, 10.7932, -55.3448

Complementary

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



69.3580, 44.1935, 11.9640



134.6420, -44.1935, -11.9640

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.



55.0930, -14.8358, -48.3166



69.3580, 44.1935, 11.9640



65.5640, -32.3231, 7.3984

Square

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



69.3580, 44.1935, 11.9640



44.8500, -22.1110, 92.2166



49.3080, -24.3088, -43.2431



69.8500, 34.0909, -61.2584

Rectangle

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



69.3580, 44.1935, 11.9640



56.3190, 10.1957, 90.0512



49.3080, -24.3088, -43.2431



60.9410, 2.4941, -53.4453

Sweetspot

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



69.3580, 44.1935, 11.9640



170.7290, 17.8816, 4.6227



102.6080, 27.8013, -50.5222



82.8830, 10.9037, 2.7336



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.



69.3580, 44.1935, 11.9640



66.9330, 69.0530, 18.4758



86.4010, 35.7913, 47.0063



72.8090, 3.0522, 1.0445



30.6540, 55.3866, 15.2124



3.2050, 5.8149, 1.5742

Inverse Universe

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



87.7500, 16.3923, 62.4863



95.6740, 25.3037, 97.6329



117.5990, -35.7913, -47.0063



73.9620, 1.0047, 4.4183



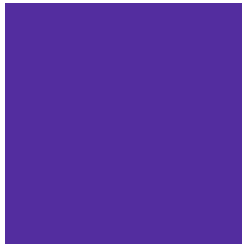
53.5870, 20.4166, 78.4152



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 69.3580, 44.1935, 11.9640 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 69.3580, 44.1935, 11.9640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

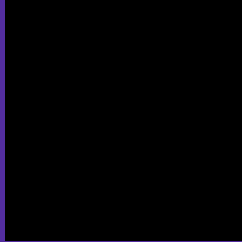
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.3580, 44.1935, 11.9640

Background



This preview shows how black text looks on a background with the YUV color 69.3580, 44.1935, 11.9640.



This preview shows how white text looks on a background with the YUV color 69.3580, 44.1935,

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

69.3580, 44.1935, 11.9640

Protanopia

56.3320, 43.2203, -49.4032

Deuteranopia

57.1010, 33.4742, -50.0776



Tritanopia

69.9820, 3.9529, -7.8772

Trichromacy



Original Color

69.3580, 44.1935, 11.9640

Protanomaly

61.1760, 43.2972, -27.3414

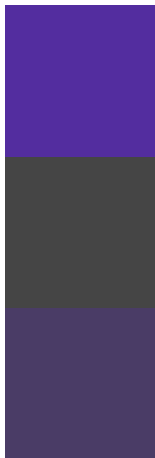
Deuteranomaly

61.5690, 37.1875, -27.6860

Tritanomaly

69.8100, 18.3347, -0.7104

Monochromacy



Original Color

69.3580, 44.1935, 11.9640

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.9740, 16.2818, 4.4078

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.3580, 44.1935, 11.9640 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(83, 45, 159)` looks like.

```
.text, #text, p{  
    color:rgb(83, 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(83, 45, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 45, 159) }
```

Border

The CSS property to change the border of an element to YUV 69.3580, 44.1935, 11.9640 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(83, 45, 159) }
```


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

```
.border{ border-color:rgb(83, 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(83, 45, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 45, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 45, 159);  
box-shadow:4px 4px 4px 4px rgb(83, 45,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 69.3580, 44.1935, 11.9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 45, 159) }
```

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

```
.background{ background-color: rgb(83, 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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