

Converting Colors

YUV(83.9920, 69.5169, 9.6540)

Have a look what the booklet for
YUV(83.9920, 69.5169, 9.6540)
contains.

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Color

**YUV(83.9920, 69.5169,
9.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	5F33E1
RGB	95, 51, 225
RGB Percent	37%, 20%, 88%
CMY	0.6275, 0.8000, 0.1176
CMYK	0.58, 0.77, 0.00, 0.12
HSL	255°, 74%, 54%
HSV	255°, 77%, 88%
XYZ	19.4937, 10.2368, 72.1826
YIQ	83.9920, -29.6300, 63.4420

Conversions

Conversions Part 2

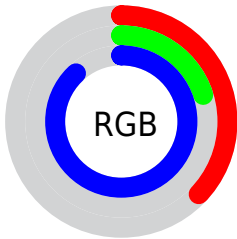
Format	Color
R_{YB}	95, 51, 225
Decimal	6239201
CIE _{Lab}	38.26, 60.97, -80.83
CIE _{LCh}	38, 101.246, 307.026
Yxy	10.2368, 0.1913, 0.1004
Android (android.graphics.Color)	4284429281 (0xFF5F33E1)
YUV	83.9920, 69.5169, 9.6540
Hunter-Lab	31.9950, 52.7644, -111.3653

Details

The YUV color **83.9920, 69.5169, 9.6540** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed blue. A complement of this color would be **192.0080, -69.5169, -9.6540**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7730, 58.2859, 18.6161**, and **19.1520, 73.3821, -16.7963** is the 20% darker color. If you saturate the color by 10%, you get **65.4080, 78.6789, 11.0432**, and if you desaturate by 10%, it is **101.9890, 60.6444, 8.7796**.

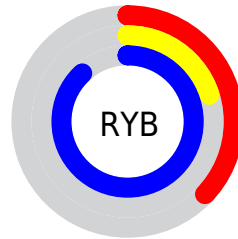
Distribution



Red (37%)

Green (20%)

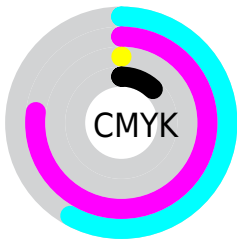
Blue (88%)



Red (37%)

Yellow (20%)

Blue (88%)

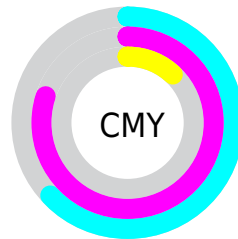


Cyan (58%)

Magenta (77%)

Yellow (0%)

Black (12%)



Cyan (63%)

Magenta (80%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.9920, 69.5169, 9.6540 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 83.9920, 69.5169, 9.6540 by changing the saturation by 10% instead.

83.9920, 69.5169,
9.6540

83.9920, 69.5169,
9.6540

255.0000, 0.0000,
0.0000

53.4860, 70.2594,
4.8358

136.7730, 58.2859,
18.6161

19.1520, 73.3821,
-16.7963

161.8910, 45.9027,
23.7746

16.0740, 61.5885,
-14.0969

186.7100, 33.6670,
28.3183

12.9960, 49.7950,
-11.3975

212.4150, 20.9944,
32.9620

13.0810, 37.4281,
-11.4720

230.3460, 12.1544,
21.6216

11.4050, 25.9293,
-10.0022

247.3690, 3.7621,

6.4350, 17.0405,

6.6924

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 83.9920, 69.5169,
9.6540

■ 83.9920, 69.5169,
9.6540

■ 65.4080, 78.6789,
11.0432

■ 101.9890, 60.6444,
8.7796

■ 47.4110, 87.5514,
11.9176

■ 120.5730, 51.4825,
7.3905

■ 42.6930, 89.8774,
12.5472

■ 138.2710, 42.7574,
5.9013

■ 156.8550, 33.5955,
4.5122

■ 174.8520, 24.7230,
3.6378

■ 193.4360, 15.5611,
2.2486

■ 211.4330, 6.6885,
1.3743

■ 229.7180, -2.3260,
-0.6297

■ 247.7150,
-11.1985, -1.5041

Harmonies

Analogous

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



86.5960, 83.0232, -75.9447



83.9920, 69.5169, 9.6540



76.0890, 39.3961, 104.2849

Triad

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



83.9920, 69.5169, 9.6540



81.0000, -39.9330, 68.4060



81.5780, 13.0260, -71.5439

Complementary

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



83.9920, 69.5169, 9.6540



192.0080, -69.5169, -9.6540

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.



68.6450, -28.9120, -60.2017



83.9920, 69.5169, 9.6540



82.9850, -40.9116, 8.7832

Square

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



83.9920, 69.5169, 9.6540



61.2950, -30.2184, 126.0293



63.9830, -31.5436, -56.1131



91.9860, 47.8279, -80.6717

Rectangle

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



83.9920, 69.5169, 9.6540



76.8100, 12.4187, 123.8236



63.9830, -31.5436, -56.1131



77.6850, 0.6483, -68.1297

Sweetspot

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



83.9920, 69.5169, 9.6540



207.2110, 23.5600, 3.3230



147.1460, 38.3820, -84.3200



98.7950, 14.3981, 1.9338



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



83.9920, 69.5169, 9.6540



62.9580, 94.6767, 13.1918



109.7060, 56.8399, 62.5248



103.1510, 4.3626, 0.7446



33.2200, 70.3905, 9.4541



9.0600, 19.1974, 2.5784

Inverse Universe

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



117.8460, 31.1349, 93.9741



109.0410, 42.3778, 128.0060



165.9950, -56.6925, -63.1396



105.2010, 1.8729, 5.9627



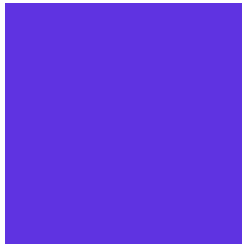
67.5580, 31.2769, 95.1036



18.4560, 8.6492, 25.9101

Previews

White Background



This preview shows how the YUV color 83.9920, 69.5169, 9.6540 looks on a white background.

Color Contrast Check

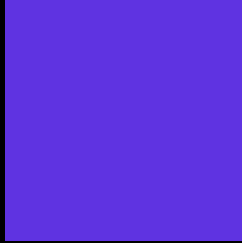
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 83.9920, 69.5169, 9.6540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

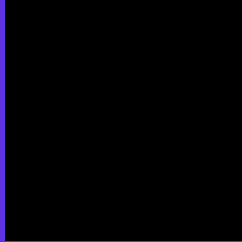
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.9920, 69.5169, 9.6540

Background



This preview shows how black text looks on a background with the YUV color 83.9920, 69.5169, 9.6540.



This preview shows how white text looks on a background with the YUV color 83.9920, 69.5169,

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

83.9920, 69.5169, 9.6540

Protanopia

71.8170, 54.3202, -62.9835

Deuteranopia

71.7880, 41.5165, -62.9581



Tritanopia

82.6630, 11.0121, -32.1535

Trichromacy



Original Color

83.9920, 69.5169, 9.6540

Protanomaly

76.4750, 59.9118, -36.3736

Deuteranomaly

76.2980, 51.6181, -36.2183

Tritanomaly

83.0820, 32.4976, -16.7349

Monochromacy



Original Color

83.9920, 69.5169, 9.6540

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9660, 25.1598, 3.5378

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.9920, 69.5169, 9.6540 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(95, 51, 225)` looks like.

```
.text, #text, p{  
    color:rgb(95, 51, 225)  
}
```

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(95, 51, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 51, 225) }
```

Border

The CSS property to change the border of an element to YUV 83.9920, 69.5169, 9.6540 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(95, 51, 225) }
```


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

```
.border{ border-color:rgb(95, 51, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 51, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 51, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 51, 225);  
box-shadow:4px 4px 4px 4px rgb(95, 51,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 83.9920, 69.5169, 9.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 51, 225) }
```

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

```
.background{ background-color: rgb(95, 51,  
225) }
```

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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