

Converting Colors

YUV(69.4950, 59.9020, 13.5979)

Have a look what the booklet for
YUV(69.4950, 59.9020, 13.5979)
contains.

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Color

**YUV(69.4950, 59.9020,
13.5979)**

Conversions

Conversions Part 1

Format	Color
Hex	5526BF
RGB	85, 38, 191
RGB Percent	33%, 15%, 75%
CMY	0.6667, 0.8510, 0.2510
CMYK	0.55, 0.80, 0.00, 0.25
HSL	258°, 67%, 45%
HSV	258°, 80%, 75%
XYZ	13.8434, 7.0791, 49.9270
YIQ	69.4950, -21.1010, 57.5470

Conversions

Conversions Part 2

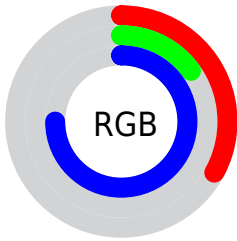
Format	Color
R_{YB}	85, 38, 191
Decimal	5580479
CIE _{Lab}	31.99, 56.23, -71.49
CIE _{LCh}	32, 90.956, 308.188
Yxy	7.0791, 0.1954, 0.0999
Android (android.graphics.Color)	4283770559 (0xFF5526BF)
YUV	69.4950, 59.9020, 13.5979
Hunter-Lab	26.6066, 46.3119, -92.6324

Details

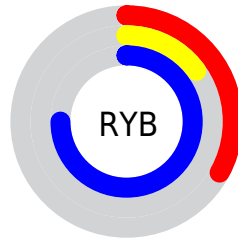
The YUV color **69.4950, 59.9020, 13.5979** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **159.5050, -59.9020, -13.5979**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5710, 61.3435, 17.9162**, and **15.5040, 59.4045, -13.5970** is the 20% darker color. If you saturate the color by 10%, you get **54.4550, 67.3167, 15.3870**, and if you desaturate by 10%, it is **84.5350, 52.4872, 11.8088**.

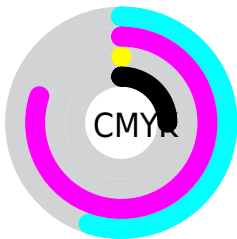
Distribution



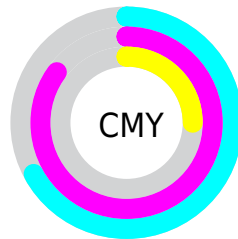
- Red (33%)
- Green (15%)
- Blue (75%)



- Red (33%)
- Yellow (15%)
- Blue (75%)



- Cyan (55%)
- Magenta (80%)
- Yellow (0%)
- Black (25%)



- Cyan (67%)
- Magenta (85%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.4950, 59.9020, 13.5979 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 69.4950, 59.9020, 13.5979 by changing the saturation by 10% instead.

69.4950, 59.9020,
13.5979

69.4950, 59.9020,
13.5979

255.0000, 0.0000,
0.0000

38.2390, 61.5072,
12.0684

124.5710, 61.3435,
17.9162

15.5040, 59.4045,
-13.5970

149.4870, 52.0179,
22.3749

12.5400, 48.0478,
-10.9976

174.3060, 39.7821,
26.9186

9.5760, 36.6910,
-8.3982

199.1250, 27.5464,
31.4624

10.3620, 24.4715,
-9.0875

221.5410, 16.4953,
29.3435

5.3920, 15.5827,
-4.7288

237.9770, 8.3923,

2.1830, 5.8258,

14.9292

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 69.4950, 59.9020,
13.5979

■ 69.4950, 59.9020,
13.5979

■ 54.4550, 67.3167,
15.3870

■ 84.5350, 52.4872,
11.8088

■ 39.4150, 74.7314,
17.1760

■ 99.5750, 45.0725,
10.0197

■ 114.9140, 37.5104,
8.8454

■ 129.9540, 30.0957,
7.0563

■ 144.9940, 22.6810,
5.2673

■ 160.6210, 14.9768,
2.9634

■ 175.9600, 7.4147,
1.7891

■ 191.0000, 0.0000,
0.0000

■ 206.0400, -7.4147,
-1.7891

Harmonies

Analogous

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



73.4420, 73.2391, -64.4086



69.4950, 59.9020, 13.5979



65.0520, 32.0194, 90.2854

Triad

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



69.4950, 59.9020, 13.5979



68.5300, -33.7853, 56.5402



68.8290, 12.4093, -60.3630

Complementary

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



69.4950, 59.9020, 13.5979



159.5050, -59.9020, -13.5979

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.



58.1930, -23.2661, -51.0353



69.4950, 59.9020, 13.5979



68.7980, -33.9174, 5.4392

Square

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



69.4950, 59.9020, 13.5979



52.0260, -25.6488, 106.9712



54.0040, -26.6240, -47.3615



77.9830, 42.4064, -68.3911

Rectangle

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



69.4950, 59.9020, 13.5979



65.3750, 8.6891, 106.6651



54.0040, -26.6240, -47.3615



65.9790, 1.4894, -57.8636

Sweetspot

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



69.4950, 59.9020, 13.5979



200.1080, 23.1178, 5.1673



118.2510, 35.8653, -70.3801



96.3930, 14.1033, 3.1633



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



69.4950, 59.9020, 13.5979



58.8450, 92.7604, 21.1839



91.9200, 48.8464, 59.7062



86.9230, 3.4890, 0.9445



32.6630, 61.7911, 14.3275



6.2250, 12.2141, 2.4337

Inverse Universe

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



95.8310, 23.7473, 83.4632



99.5590, 36.6994, 129.3058



137.0800, -48.8464, -59.7062



88.3750, 1.2941, 4.9331



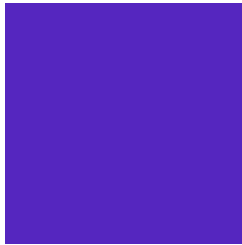
59.7820, 24.7575, 86.1372



11.6630, 4.6031, 16.9585

Previews

White Background



This preview shows how the YUV color 69.4950, 59.9020, 13.5979 looks on a white background.

Color Contrast Check

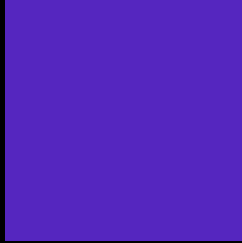
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.4950, 59.9020, 13.5979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

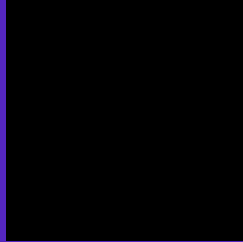
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.4950, 59.9020, 13.5979

Background



This preview shows how black text looks on a background with the YUV color 69.4950, 59.9020, 13.5979.



This preview shows how white text looks on a background with the YUV color 69.4950, 59.9020,

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

69.4950, 59.9020, 13.5979

Protanopia

60.2930, 45.7046, -52.8770

Deuteranopia

60.7200, 34.6480, -53.2514



Tritanopia

71.8170, 7.4852, -20.8875

Trichromacy



Original Color

69.4950, 59.9020, 13.5979

Protanomaly

63.5270, 51.0122, -28.5262

Deuteranomaly

63.6920, 44.0288, -28.6709

Tritanomaly

70.6440, 26.7975, -8.4578

Monochromacy



Original Color

69.4950, 59.9020, 13.5979

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.3530, 21.5180, 4.9524

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.4950, 59.9020, 13.5979 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(85, 38, 191)` looks like.

```
.text, #text, p{  
    color:rgb(85, 38, 191)  
}
```

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(85, 38, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 38, 191) }
```

Border

The CSS property to change the border of an element to YUV 69.4950, 59.9020, 13.5979 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(85, 38, 191) }
```


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

```
.border{ border-color:rgb(85, 38, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 38, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 38, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 38, 191);  
box-shadow:4px 4px 4px 4px rgb(85, 38,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 69.4950, 59.9020, 13.5979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 38, 191) }
```

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

```
.background{ background-color: rgb(85, 38,  
191) }
```

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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