

Converting Colors

YUV(65.3910, 44.1772, 17.1971)

Have a look what the booklet for
YUV(65.3910, 44.1772, 17.1971)
contains.

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Color

**YUV(65.3910, 44.1772,
17.1971)**

Conversions

Conversions Part 1

Format	Color
Hex	55269B
RGB	85, 38, 155
RGB Percent	33%, 15%, 61%
CMY	0.6667, 0.8510, 0.3922
CMYK	0.45, 0.75, 0.00, 0.39
HSL	264°, 61%, 38%
HSV	264°, 75%, 61%
XYZ	10.3558, 5.6841, 31.5617
YIQ	65.3910, -9.5450, 46.3510

Conversions

Conversions Part 2

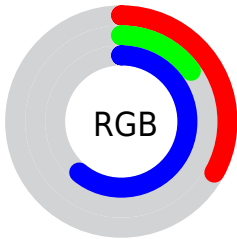
Format	Color
R_{YB}	85, 38, 155
Decimal	5580443
CIE _{Lab}	28.60, 46.56, -55.46
CIE _{LCh}	29, 72.418, 310.015
Yxy	5.6841, 0.2176, 0.1194
Android (android.graphics.Color)	4283770523 (0xFF55269B)
YUV	65.3910, 44.1772, 17.1971
Hunter-Lab	23.8413, 35.8118, -61.8006

Details

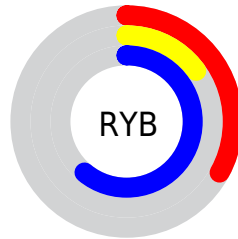
The YUV color **65.3910, 44.1772, 17.1971** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **127.6090, -44.1772, -17.1971**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.7550, 45.4768, 20.3859**, and **18.9180, 41.4524, 4.4569** is the 20% darker color. If you saturate the color by 10%, you get **53.8950, 49.8448, 19.3861**, and if you desaturate by 10%, it is **77.4740, 38.2203, 14.4933**.

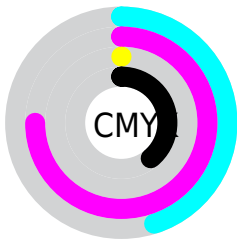
Distribution



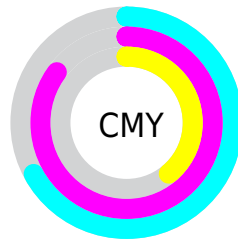
- Red (33%)
- Green (15%)
- Blue (61%)



- Red (33%)
- Yellow (15%)
- Blue (61%)



- Cyan (45%)
- Magenta (75%)
- Yellow (0%)
- Black (39%)



- Cyan (67%)
- Magenta (85%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.3910, 44.1772, 17.1971 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 65.3910, 44.1772, 17.1971 by changing the saturation by 10% instead.

65.3910, 44.1772,
17.1971

65.3910, 44.1772,
17.1971

255.0000, 0.0000,
0.0000

37.5050, 44.6140,
17.0971

117.7550, 45.4768,
20.3859

18.9180, 41.4524,
4.4569

144.1080, 46.7818,
21.8303

8.8920, 34.0702,
-7.7983

170.4520, 41.6822,
24.1596

9.0910, 22.1401,
-7.9728

194.9720, 29.5938,
28.0886

4.8220, 13.3988,
-4.2289

219.7800, 17.3635,
30.8879

0.3420, 1.3104,
-0.2999

236.2160, 9.2605,

0.0000, 0.0000,

16.4736

0.0000

253.2390, 0.8682,
1.5444

65.3910, 44.1772,
17.1971

65.3910, 44.1772,
17.1971

53.8950, 49.8448,
19.3861

77.4740, 38.2203,
14.4933

41.5130, 55.9491,
21.4751

89.2690, 32.4054,
12.9191

36.2080, 58.5645,
22.6196

101.3520, 26.4485,
10.2153

112.8480, 20.7809,
8.0263

124.9310, 14.8240,
5.3225

■ 136.7260, 9.0091,
3.7483

■ 148.8090, 3.0522,
1.0445

■ 160.3050, -2.6154,
-1.1445

■ 172.3880, -8.5723,
-3.8483

Harmonies

Analogous

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



61.7240, 58.8031, -54.1319



65.3910, 44.1772, 17.1971



54.9550, 25.6582, 77.2155

Triad

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



65.3910, 44.1772, 17.1971



63.1370, -31.1265, 43.7299



61.4600, 12.0982, -53.9004

Complementary

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



65.3910, 44.1772, 17.1971



127.6090, -44.1772, -17.1971

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.



53.3320, -13.9677, -46.7722



65.3910, 44.1772, 17.1971



62.2970, -30.7124, 4.1245

Square

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



65.3910, 44.1772, 17.1971



43.6540, -21.5214, 89.7574



48.1340, -23.7301, -42.2135



67.6160, 35.6853, -59.2992

Rectangle

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



65.3910, 44.1772, 17.1971



54.9230, 7.4330, 89.5215



48.1340, -23.7301, -42.2135



59.1800, 3.3623, -51.9009

Sweetspot

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



65.3910, 44.1772, 17.1971



165.9250, 17.2920, 7.0818



92.4280, 30.8480, -47.7334



79.8940, 10.8983, 4.4780



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



65.3910, 44.1772, 17.1971



60.9880, 69.0259, 27.1975



82.7330, 35.6276, 52.8542



70.8090, 3.0522, 1.0445



32.7040, 52.8969, 20.4306



2.9770, 4.9413, 1.7742

Inverse Universe

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



80.9630, 13.3292, 64.9304



85.2570, 21.0723, 101.5066



110.2670, -35.6276, -52.8542



71.8480, 0.5679, 4.5183



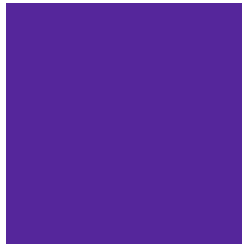
51.4360, 16.0541, 77.6706



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 65.3910, 44.1772, 17.1971 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 65.3910, 44.1772, 17.1971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

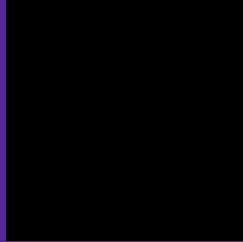
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.3910, 44.1772, 17.1971

Background



This preview shows how black text looks on a background with the YUV color 65.3910, 44.1772, 17.1971.



This preview shows how white text looks on a background with the YUV color 65.3910, 44.1772,

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

65.3910, 44.1772, 17.1971

Protanopia

54.4740, 41.1783, -47.7737

Deuteranopia

54.6560, 31.7216, -47.9333



Tritanopia

67.7870, 3.0630, -2.4442

Trichromacy



Original Color

65.3910, 44.1772, 17.1971

Protanomaly

58.5570, 42.1234, -24.1675

Deuteranomaly

58.3630, 36.3030, -23.9974

Tritanomaly

66.7290, 17.8816, 4.6227

Monochromacy



Original Color

65.3910, 44.1772, 17.1971

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.9850, 16.2764, 6.1522

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.3910, 44.1772, 17.1971 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(85, 38, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 38, 155) }
```

Border

The CSS property to change the border of an element to YUV 65.3910, 44.1772, 17.1971 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, 155) }
```


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

```
.border{ border-color:rgb(85, 38, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 38, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 38, 155);  
box-shadow:4px 4px 4px 4px rgb(85, 38,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 65.3910, 44.1772, 17.1971 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, 155) }
```

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

```
.background{ background-color: rgb(85, 38,  
155) }
```

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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