

Converting Colors

YUV(85.5130, 35.7361, 17.9671)

Have a look what the booklet for
YUV(85.5130, 35.7361, 17.9671)
contains.

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Color

**YUV(85.5130, 35.7361,
17.9671)**

Conversions

Conversions Part 1

Format	Color
Hex	6A3D9E
RGB	106, 61, 158
RGB Percent	42%, 24%, 62%
CMY	0.5843, 0.7608, 0.3804
CMYK	0.33, 0.61, 0.00, 0.38
HSL	268°, 44%, 43%
HSV	268°, 61%, 62%
XYZ	13.7842, 8.8703, 33.3334
YIQ	85.5130, -4.3170, 39.7070

Conversions

Conversions Part 2

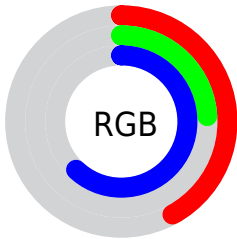
Format	Color
R _{YB}	106, 61, 158
Decimal	6962590
CIE _{Lab}	35.73, 39.71, -45.60
CIE _{LCh}	36, 60.463, 311.048
Y _{xy}	8.8703, 0.2462, 0.1584
Android (android.graphics.Color)	4285152670 (0xFF6A3D9E)
Y _{UV}	85.5130, 35.7361, 17.9671
Hunter-Lab	29.7830, 30.4930, -45.5097

Details

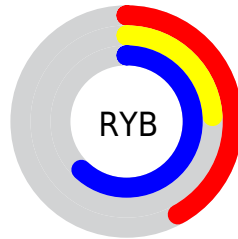
The YUV color **85.5130, 35.7361, 17.9671** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **133.4870, -35.7361, -17.9671**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2790, 37.3305, 19.9263**, and **34.9750, 35.0153, 15.8079** is the 20% darker color. If you saturate the color by 10%, you get **73.7290, 41.5456, 21.2857**, and if you desaturate by 10%, it is **97.2970, 29.9266, 14.6485**.

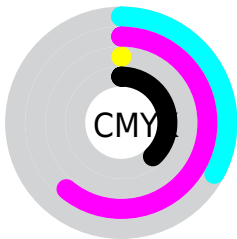
Distribution



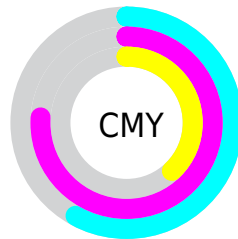
- Red (42%)
- Green (24%)
- Blue (62%)



- Red (42%)
- Yellow (24%)
- Blue (62%)



- Cyan (33%)
- Magenta (61%)
- Yellow (0%)
- Black (38%)



- Cyan (58%)
- Magenta (76%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.5130, 35.7361, 17.9671 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 85.5130, 35.7361, 17.9671 by changing the saturation by 10% instead.

85.5130, 35.7361,
17.9671

85.5130, 35.7361,
17.9671

255.0000, 0.0000,
0.0000

60.2740, 34.8679,
16.4227

137.2790, 37.3305,
19.9263

34.9750, 35.0153,
15.8079

164.5180, 38.1986,
21.4707

16.7090, 31.6955,
7.2712

189.6340, 32.2254,
24.0000

6.4980, 24.8975,
-5.6987

214.7410, 19.8477,
27.4141

5.1640, 14.7091,
-4.5288

233.8680, 10.4181,
18.5328

1.0260, 3.9312,
-0.8998

250.8910, 2.0257,

0.0000, 0.0000,

3.6036

0.0000

■ 85.5130, 35.7361,
17.9671

■ 85.5130, 35.7361,
17.9671

■ 73.7290, 41.5456,
21.2857

■ 97.2970, 29.9266,
14.6485

■ 61.6460, 47.5025,
23.9895

■ 109.3800, 23.9697,
11.9447

■ 50.4490, 53.0226,
26.7932

■ 120.5770, 18.4495,
9.1410

■ 39.8390, 58.2534,
29.0822

■ 132.6600, 12.4926,
6.4372

■ 144.4440, 6.6831,
3.1186

■ 156.5270, 0.7262,
0.4148

■ 168.3110, -5.0833,
-2.9037

■ 179.8070,
-10.7509, -5.0927

■ 191.5910,
-16.5604, -8.4113

Harmonies

Analogous

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



70.4150, 54.0254, -61.7540



85.5130, 35.7361, 17.9671



75.5210, 20.4491, 67.9491

Triad

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



85.5130, 35.7361, 17.9671



79.0630, -38.9781, 42.0407



73.1490, 13.7305, -64.1517

Complementary

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



85.5130, 35.7361, 17.9671



133.4870, -35.7361, -17.9671

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.



66.1610, -7.9674, -58.0232



85.5130, 35.7361, 17.9671



77.6690, -38.2908, 8.1833

Square

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



85.5130, 35.7361, 17.9671



74.2790, -26.2665, 71.6693



65.0010, -32.0455, -35.0809



77.8060, 34.1126, -68.2359

Rectangle

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



85.5130, 35.7361, 17.9671



63.7210, 10.4905, 88.8217



65.0010, -32.0455, -35.0809



70.6240, 6.5944, -61.9372

Sweetspot

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



85.5130, 35.7361, 17.9671



178.7140, 13.9450, 7.2668



103.1690, 27.0317, -36.9822



87.6120, 8.5723, 3.8483



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.



85.5130, 35.7361, 17.9671



92.6710, 56.3642, 28.3525



99.5660, 28.8080, 46.8616



73.1080, 2.9048, 1.6593



36.0360, 52.7333, 26.2784



3.8030, 5.5201, 2.8038

Inverse Universe

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



95.9310, 8.4150, 54.4345



109.0950, 13.2642, 85.8627



119.4340, -28.8080, -46.8616



73.8480, 0.5679, 4.5183



51.5350, 12.5542, 80.2148



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 85.5130, 35.7361, 17.9671 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 85.5130, 35.7361, 17.9671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

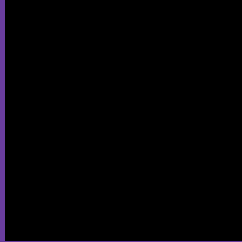
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.5130, 35.7361, 17.9671

Background



This preview shows how black text looks on a background with the YUV color 85.5130, 35.7361, 17.9671.



This preview shows how white text looks on a background with the YUV color 85.5130, 35.7361,

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

85.5130, 35.7361, 17.9671

Protanopia

67.2690, 52.1254, -58.9949

Deuteranopia

67.8100, 41.5057, -59.4694



Tritanopia

85.0870, 1.4361, 6.0627

Trichromacy



Original Color

85.5130, 35.7361, 17.9671

Protanomaly

74.2510, 46.2183, -30.9151

Deuteranomaly

74.4160, 39.2349, -31.0598

Tritanomaly

85.3230, 13.6448, 10.2407

Monochromacy



Original Color

85.5130, 35.7361, 17.9671

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.7740, 12.9294, 6.3372

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5130, 35.7361, 17.9671 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(106, 61, 158)` looks like.

```
.text, #text, p{  
    color:rgb(106, 61, 158)  
}
```

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(106, 61, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 61, 158) }
```

Border

The CSS property to change the border of an element to YUV 85.5130, 35.7361, 17.9671 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(106, 61, 158) }
```


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

```
.border{ border-color:rgb(106, 61, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 61, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 61, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 61, 158);  
box-shadow:4px 4px 4px 4px rgb(106, 61,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 85.5130, 35.7361, 17.9671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 61, 158) }
```

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

```
.background{ background-color: rgb(106, 61,  
158) }
```

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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