

Converting Colors

YUV(85.4910, 32.2959, 1.3234)

Have a look what the booklet for
YUV(85.4910, 32.2959, 1.3234)
contains.

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Color

**YUV(85.4910, 32.2959,
1.3234)**

Conversions

Conversions Part 1

Format	Color
Hex	574897
RGB	87, 72, 151
RGB Percent	34%, 28%, 59%
CMY	0.6588, 0.7176, 0.4078
CMYK	0.42, 0.52, 0.00, 0.41
HSL	251°, 35%, 44%
HSV	251°, 52%, 59%
XYZ	11.8338, 8.8953, 30.3714
YIQ	85.4910, -16.4190, 27.7490

Conversions

Conversions Part 2

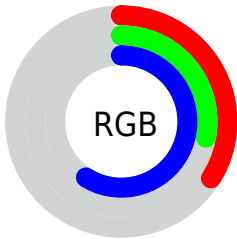
Format	Color
R_{YB}	87, 72, 151
Decimal	5720215
CIE _{Lab}	35.78, 26.47, -41.40
CIE _{LCh}	36, 49.137, 302.596
Yxy	8.8953, 0.2316, 0.1741
Android (android.graphics.Color)	4283910295 (0xFF574897)
YUV	85.4910, 32.2959, 1.3234
Hunter-Lab	29.8250, 18.6301, -39.4986

Details

The YUV color **85.4910, 32.2959, 1.3234** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **137.5090, -32.2959, -1.3234**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3710, 34.3271, 3.1826**, and **37.8880, 30.1282, -3.4098** is the 20% darker color. If you saturate the color by 10%, you get **73.0980, 38.4057, 1.6681**, and if you desaturate by 10%, it is **97.8840, 26.1862, 0.9787**.

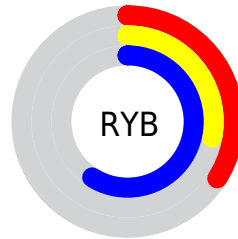
Distribution



Red (34%)

Green (28%)

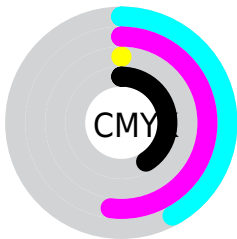
Blue (59%)



Red (34%)

Yellow (28%)

Blue (59%)

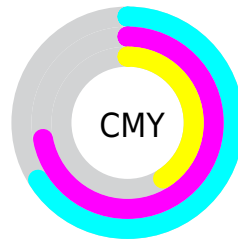


Cyan (42%)

Magenta (52%)

Yellow (0%)

Black (41%)



Cyan (66%)

Magenta (72%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4910, 32.2959, 1.3234 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 85.4910, 32.2959, 1.3234 by changing the saturation by 10% instead.

■ 85.4910, 32.2959,
1.3234

■ 85.4910, 32.2959,
1.3234

■ 255.0000, 0.0000,
0.0000

■ 61.2520, 31.4278,
-0.2210

■ 136.3710, 34.3271,
3.1826

■ 37.8880, 30.1282,
-3.4098

■ 163.1970, 34.9059,
4.2122

■ 12.0720, 31.0235,
-10.5871

■ 189.2250, 32.4271,
5.9417

■ 5.9280, 22.7135,
-5.1989

■ 214.3320, 20.0493,
9.3558

■ 4.5940, 12.5252,
-4.0289

■ 239.4390, 7.6716,
12.7700

■ 0.0000, 0.0000,
0.0000

85.4910, 32.2959,
1.3234

85.4910, 32.2959,
1.3234

73.0980, 38.4057,
1.6681

97.8840, 26.1862,
0.9787

60.7050, 44.5154,
2.0127

110.2770, 20.0764,
0.6341

48.0130, 50.7726,
1.7426

122.9690, 13.8193,
0.9042

35.6200, 56.8823,
2.0873

135.3620, 7.7095,
0.5595

25.8850, 61.6817,
2.7319


148.3420, 1.3104,
-0.2999

160.7350, -4.7994,
-0.6446

173.4270,
-11.0565, -0.3745

185.8200,

-17.1663, -0.7191

 198.2130,
-23.2760, -1.0638

Harmonies

Analogous

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



70.2380, 45.7317, -61.5987



85.4910, 32.2959, 1.3234



84.0850, 18.1991, 42.8985

Triad

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



85.4910, 32.2959, 1.3234



79.4700, -36.2207, 44.3148



69.7920, 8.4835, -61.2076

Complementary

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



85.4910, 32.2959, 1.3234



137.5090, -32.2959, -1.3234

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.



63.3570, -8.5570, -55.5641



85.4910, 32.2959, 1.3234



78.9090, -38.9021, 17.6198

Square

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



85.4910, 32.2959, 1.3234



79.2160, -17.3615, 62.0776



73.1610, -34.5894, -12.4192



73.6510, 25.8081, -64.5919

Rectangle

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



85.4910, 32.2959, 1.3234



80.7360, 7.5252, 59.8675



73.1610, -34.5894, -12.4192



67.6090, 2.6578, -59.2931

Sweetspot

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



85.4910, 32.2959, 1.3234



170.3280, 12.6563, 0.5893



119.1610, 15.6966, -41.3602



83.9490, 7.4201, 0.0447



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



85.4910, 32.2959, 1.3234



93.8990, 50.3358, 1.8426



97.1520, 26.5471, 25.2997



70.2110, 3.3470, -0.1850



24.0330, 57.1717, 2.6021



2.0800, 5.3836, -0.0702

Inverse Universe

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



102.9170, 16.3099, 42.1688



121.1770, 25.5487, 65.6198



125.8480, -26.5471, -25.2997



72.0760, 1.4415, 4.3183



54.8560, 29.1580, 74.6713



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 85.4910, 32.2959, 1.3234 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 85.4910, 32.2959, 1.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

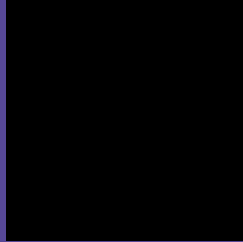
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4910, 32.2959, 1.3234

Background



This preview shows how black text looks on a background with the YUV color 85.4910, 32.2959, 1.3234.



This preview shows how white text looks on a background with the YUV color 85.4910, 32.2959,

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

85.4910, 32.2959, 1.3234

Protanopia

78.4480, 40.6981, -33.7189

Deuteranopia

75.4380, 35.7731, -40.7261



Tritanopia

82.9110, 4.9739, -8.6919

Trichromacy



Original Color

85.4910, 32.2959, 1.3234

Protanomaly

80.7270, 37.6026, -20.8086

Deuteranomaly

78.8960, 34.5613, -25.3418

Tritanomaly

83.8650, 14.8566, -5.1436

Monochromacy



Original Color

85.4910, 32.2959, 1.3234

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1000, 11.7827, 0.7893

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4910, 32.2959, 1.3234 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(87, 72, 151)` looks like.

```
.text, #text, p{  
    color:rgb(87, 72, 151)  
}
```

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(87, 72, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 72, 151) }
```

Border

The CSS property to change the border of an element to YUV 85.4910, 32.2959, 1.3234 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(87, 72, 151) }
```


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

```
.border{ border-color:rgb(87, 72, 151) }
```

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

Here you see how a box with a 4 pixel rgb(87, 72, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 72, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 72, 151);  
box-shadow:4px 4px 4px 4px rgb(87, 72,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 85.4910, 32.2959, 1.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 72, 151) }
```

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

```
.background{ background-color: rgb(87, 72,  
151) }
```

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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