

Converting Colors

YUV(115.8330, 57.2703,
17.6865)

Have a look what the booklet for
YUV(115.8330, 57.2703, 17.6865)
contains.

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Color

**YUV(115.8330, 57.2703,
17.6865)**

Conversions

Conversions Part 1

Format	Color
Hex	8853E8
RGB	136, 83, 232
RGB Percent	53%, 33%, 91%
CMY	0.4667, 0.6745, 0.0902
CMYK	0.41, 0.64, 0.00, 0.09
HSL	261°, 76%, 62%
HSV	261°, 64%, 91%
XYZ	27.8121, 17.2469, 78.2071
YIQ	115.8330, -16.2410, 57.5750

Conversions

Conversions Part 2

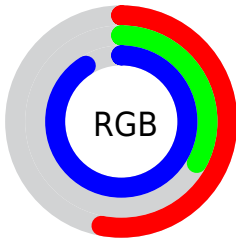
Format	Color
R _Y B	136, 83, 232
Decimal	8934376
CIE Lab	48.57, 53.63, -67.79
CIE LCh	49, 86.434, 308.350
Yxy	17.2469, 0.2256, 0.1399
Android (android.graphics.Color)	4287124456 (0xFF8853E8)
YUV	115.8330, 57.2703, 17.6865
Hunter-Lab	41.5294, 46.8641, -82.5826

Details

The YUV color **115.8330, 57.2703, 17.6865** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **199.1670, -57.2703, -17.6865**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6200, 43.5713, 24.8893**, and **61.4580, 55.9762, 12.7533** is the 20% darker color. If you saturate the color by 10%, you get **97.8470, 66.1374, 20.3052**, and if you desaturate by 10%, it is **133.8190, 48.4032, 15.0677**.

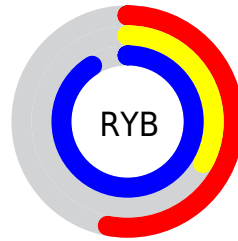
Distribution



Red (53%)

Green (33%)

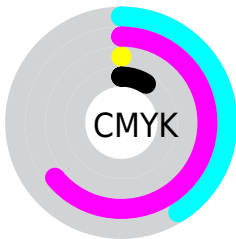
Blue (91%)



Red (53%)

Yellow (33%)

Blue (91%)

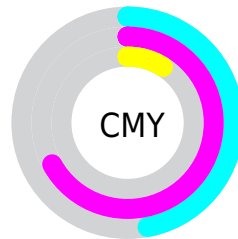


Cyan (41%)

Magenta (64%)

Yellow (0%)

Black (9%)



Cyan (47%)

Magenta (67%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.8330, 57.2703, 17.6865 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 115.8330, 57.2703, 17.6865 by changing the saturation by 10% instead.

■ 115.8330, 57.2703,
17.6865

■ 115.8330, 57.2703,
17.6865

■ 255.0000, 0.0000,
0.0000

■ 89.1810, 56.1128,
15.6273

■ 166.6200, 43.5713,
24.8893

■ 61.4580, 55.9762,
12.7533

■ 191.4390, 31.3356,
29.4330

■ 29.7290, 58.3076,
11.6387

■ 216.8450, 18.8104,
33.4619

■ 13.7940, 52.8526,
-12.0973

■ 233.2810, 10.7075,
19.0476

■ 10.9440, 41.9326,
-9.5979

■ 250.3040, 2.3151,
4.1184

■ 11.0290, 29.5657,
-9.6724

■ 7.7060, 19.3719,

-6.7582

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 115.8330, 57.2703,
17.6865

■ 115.8330, 57.2703,
17.6865

■ 97.8470, 66.1374,
20.3052

■ 133.8190, 48.4032,
15.0677

■ 79.8610, 75.0045,
22.9239

■ 151.8050, 39.5361,
12.4490

■ 61.2880, 84.1610,
26.0574

■ 170.3780, 30.3796,
9.3155

■ 51.2650, 89.1024,
27.8316

■ 188.3640, 21.5125,
6.6968

■ 206.3500, 12.6455,
4.0781

■ 224.3360, 3.7784,
1.4593

■ 242.3220, -5.0887,
-1.1594

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



98.9230, 76.9460, -86.7555



115.8330, 57.2703, 17.6865



84.0670, 42.8580, 113.9512

Triad

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



115.8330, 57.2703, 17.6865



107.8350, -53.1627, 65.0427



100.5050, 17.0060, -88.1429

Complementary

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



115.8330, 57.2703, 17.6865



199.1670, -57.2703, -17.6865

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.



89.7380, -16.6328, -78.7002



115.8330, 57.2703, 17.6865



106.6300, -52.5686, 14.3565

Square

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



115.8330, 57.2703, 17.6865



92.1320, -33.0961, 115.6482



86.1220, -42.4581, -55.3580



108.0120, 48.3081, -94.7265

Rectangle

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



115.8330, 57.2703, 17.6865



84.2870, 19.0855, 132.1753



86.1220, -42.4581, -55.3580



96.9540, 5.9387, -85.0287

Sweetspot

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



115.8330, 57.2703, 17.6865



217.5550, 18.4604, 5.6523



156.9250, 37.0120, -64.8322



104.7090, 11.4825, 3.7632



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.



115.8330, 57.2703, 17.6865



101.9750, 75.4413, 22.8239



137.9590, 46.3622, 63.1800



105.5640, 4.6519, 1.2594



39.2430, 68.9002, 20.8349



11.1960, 19.6234, 5.9671

Inverse Universe

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



138.4950, 19.9690, 82.0039



131.9680, 26.1448, 107.8991



177.0410, -46.3622, -63.1800



107.5000, 1.7255, 6.5775



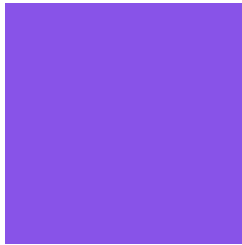
66.6310, 23.8459, 98.5476



19.0110, 6.8966, 28.0544

Previews

White Background



This preview shows how the YUV color 115.8330, 57.2703, 17.6865 looks on a white background.

Color Contrast Check

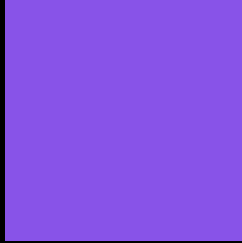
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.8330, 57.2703, 17.6865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

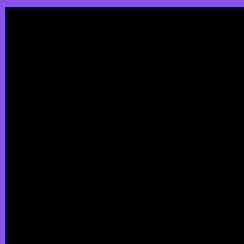
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.8330, 57.2703, 17.6865

Background



This preview shows how black text looks on a background with the YUV color 115.8330, 57.2703, 17.6865.



This preview shows how white text looks on a background with the YUV color 115.8330, 57.2703, 17.6865.

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

115.8330, 57.2703, 17.6865

Protanopia

92.0610, 70.9619, -80.7375

Deuteranopia

92.6360, 55.3955, -81.2418



Tritanopia

114.8300, 4.5208, -3.3589

Trichromacy



Original Color

115.8330, 57.2703, 17.6865



Protanomaly

100.7280, 66.1961, -45.3655



Deuteranomaly

100.7960, 56.3026, -45.4251



Tritanomaly

114.9230, 23.7020, 4.4525

Monochromacy



Original Color

115.8330, 57.2703, 17.6865



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

115.8370, 20.7864, 6.2820

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.8330, 57.2703, 17.6865 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(136, 83, 232)` looks like.

```
.text, #text, p{  
    color:rgb(136, 83, 232)  
}
```

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(136, 83, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 83, 232) }
```

Border

The CSS property to change the border of an element to YUV 115.8330, 57.2703, 17.6865 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(136, 83, 232) }
```


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

```
.border{ border-color:rgb(136, 83, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 83, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 83, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 83, 232); box-shadow:4px 4px 4px 4px rgb(136, 83, 232) }
```

Background

The CSS property to change the background color of an element to YUV 115.8330, 57.2703, 17.6865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 83, 232) }
```

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

```
.background{ background-color: rgb(136, 83,  
232) }
```

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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