

Converting Colors

YUV(116.6780, 65.7277,
11.6834)

Have a look what the booklet for
YUV(116.6780, 65.7277, 11.6834)
contains.

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Color

**YUV(116.6780, 65.7277,
11.6834)**

Conversions

Conversions Part 1

Format	Color
Hex	8254FA
RGB	130, 84, 250
RGB Percent	51%, 33%, 98%
CMY	0.4902, 0.6706, 0.0196
CMYK	0.48, 0.66, 0.00, 0.02
HSL	257°, 94%, 65%
HSV	257°, 66%, 98%
XYZ	29.6316, 17.9886, 92.3529
YIQ	116.6780, -25.8700, 61.3780

Conversions

Conversions Part 2

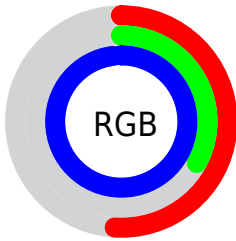
Format	Color
R _Y B	130, 84, 250
Decimal	8541434
CIE Lab	49.48, 56.78, -76.42
CIE LCh	49, 95.205, 306.614
Yxy	17.9886, 0.2117, 0.1285
Android (android.graphics.Color)	4286731514 (0xFF8254FA)
YUV	116.6780, 65.7277, 11.6834
Hunter-Lab	42.4130, 50.4852, -99.4130

Details

The YUV color **116.6780, 65.7277, 11.6834** 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 **217.3220, -65.7277, -11.6834**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0110, 43.8716, 21.9154**, and **60.6940, 64.7339, 3.7764** is the 20% darker color. If you saturate the color by 10%, you get **96.6210, 75.6158, 13.4874**, and if you desaturate by 10%, it is **136.7350, 55.8396, 9.8794**.

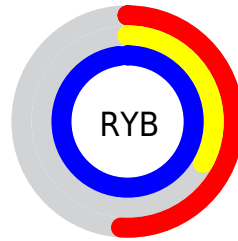
Distribution



Red (51%)

Green (33%)

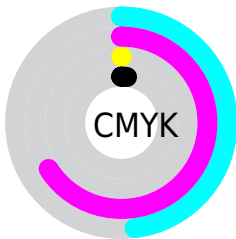
Blue (98%)



Red (51%)

Yellow (33%)

Blue (98%)

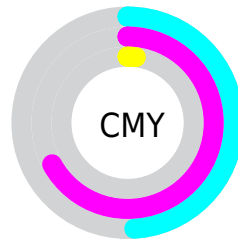


Cyan (48%)

Magenta (66%)

Yellow (0%)

Black (2%)



Cyan (49%)

Magenta (67%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.6780, 65.7277, 11.6834 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 116.6780, 65.7277, 11.6834 by changing the saturation by 10% instead.

■ 116.6780, 65.7277,
11.6834

■ 116.6780, 65.7277,
11.6834

255.0000, 0.0000,
0.0000

■ 89.4280, 64.8650,
8.3946

■ 166.0110, 43.8716,
21.9154

■ 60.6940, 64.7339,
3.7764

■ 190.8300, 31.6358,
26.4591

■ 24.9640, 68.5447,
-5.2304

■ 216.5350, 18.9632,
31.1028

■ 15.6180, 59.8413,
-13.6970

■ 234.4550, 10.1287,
18.0180

■ 12.6540, 48.4846,
-11.0976

■ 251.4780, 1.7363,
3.0888

■ 11.4510, 36.2597,
-10.0425

■ 10.4760, 24.9083,

-9.1875

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 116.6780, 65.7277,
11.6834

■ 116.6780, 65.7277,
11.6834

■ 96.6210, 75.6158,
13.4874

■ 136.7350, 55.8396,
9.8794

■ 76.5640, 85.5039,
15.2914

■ 156.7920, 45.9515,
8.0754

■ 56.5070, 95.3920,
17.0954

■ 176.8490, 36.0634,
6.2714

■ 49.1310, 99.0284,
17.4251

■ 196.9060, 26.1753,
4.4674

■ 216.9630, 16.2872,
2.6634

■ 237.0200, 6.3991,
0.8595

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



101.8580, 75.4990, -89.3295



116.6780, 65.7277, 11.6834



87.6530, 47.4991, 118.6993

Triad

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



116.6780, 65.7277, 11.6834



108.7760, -53.6266, 73.8644



102.7390, 15.4117, -90.1021

Complementary

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



116.6780, 65.7277, 11.6834



217.3220, -65.7277, -11.6834

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.



90.9460, -22.1584, -79.7596



116.6780, 65.7277, 11.6834



109.2990, -53.8844, 16.4008

Square

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



116.6780, 65.7277, 11.6834



73.3710, -25.3259, 143.5026



83.6970, -41.2626, -65.5093



111.8590, 50.3555, -98.1003

Rectangle

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



116.6780, 65.7277, 11.6834



88.7870, 20.8110, 138.7528



83.6970, -41.2626, -65.5093



98.9600, 3.4707, -86.7879

Sweetspot

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



116.6780, 65.7277, 11.6834



214.0000, 20.2130, 3.5080



174.5380, 37.2028, -79.4018



102.9260, 12.3615, 1.8189



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.



116.6780, 65.7277, 11.6834



91.2990, 80.7046, 14.6468



140.8970, 53.7878, 61.4803



114.6780, 5.0887, 1.1594



37.0940, 74.8897, 13.0726



12.0370, 24.1388, 4.3526

Inverse Universe

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



147.3140, 27.9462, 90.0556



128.7540, 34.1383, 110.7177



193.1030, -53.7878, -61.4803



116.9130, 2.0149, 7.0923



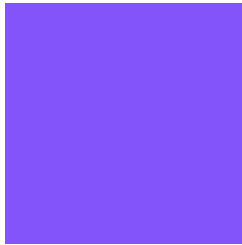
72.0150, 31.5446, 102.5958



23.2550, 10.2273, 33.1024

Previews

White Background



This preview shows how the YUV color 116.6780, 65.7277, 11.6834 looks on a white background.

Color Contrast Check

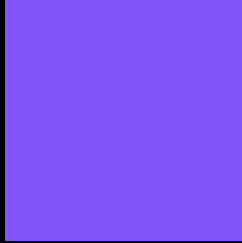
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.6780, 65.7277, 11.6834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

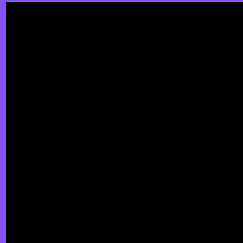
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.6780, 65.7277, 11.6834 Background



This preview shows how black text looks on a background with the YUV color 116.6780, 65.7277, 11.6834.



This preview shows how white text looks on a background with the YUV color 116.6780, 65.7277, 11.6834.

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

116.6780, 65.7277, 11.6834

Protanopia

93.5770, 71.6935, -82.0670

Deuteranopia

94.0380, 55.6903, -82.4713



Tritanopia

114.9640, 7.9057, -15.7544

Trichromacy



Original Color

116.6780, 65.7277, 11.6834

Protanomaly

101.6290, 69.6959, -47.9096

Deuteranomaly

102.2840, 59.5130, -48.4841

Tritanomaly

115.8230, 28.6813, -5.9838

Monochromacy



Original Color

116.6780, 65.7277, 11.6834

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9230, 23.7020, 4.4525

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6780, 65.7277, 11.6834 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(130, 84, 250)` looks like.

```
.text, #text, p{  
    color:rgb(130, 84, 250)  
}
```

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(130, 84, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 84, 250) }
```

Border

The CSS property to change the border of an element to YUV 116.6780, 65.7277, 11.6834 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(130, 84, 250) }
```


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

```
.border{ border-color:rgb(130, 84, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 84, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 84, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 84, 250);  
box-shadow:4px 4px 4px 4px rgb(130, 84,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 116.6780, 65.7277, 11.6834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 84, 250) }
```

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

```
.background{ background-color: rgb(130, 84,  
250) }
```

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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