

Converting Colors

YUV(113.5090, 65.8111,
78.4836)

Have a look what the booklet for
YUV(113.5090, 65.8111, 78.4836)
contains.

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Color

**YUV(113.5090, 65.8111,
78.4836)**

Conversions

Conversions Part 1

Format	Color
Hex	CB2AF7
RGB	203, 42, 247
RGB Percent	80%, 16%, 97%
CMY	0.2039, 0.8353, 0.0314
CMYK	0.18, 0.83, 0.00, 0.03
HSL	287°, 93%, 57%
HSV	287°, 83%, 97%
XYZ	42.2451, 21.0678, 89.8356
YIQ	113.5090, 30.1510, 97.8870

Conversions

Conversions Part 2

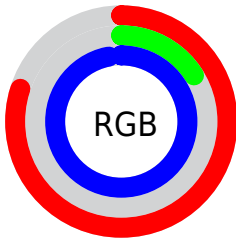
Format	Color
RYB	203, 42, 247
Decimal	13314807
CIELab	53.02, 84.06, -68.58
CIELCh	53, 108.485, 320.793
Yxy	21.0678, 0.2758, 0.1376
Android (android.graphics.Color)	4291504887 (0xFFCB2AF7)
YUV	113.5090, 65.8111, 78.4836
Hunter-Lab	45.8997, 83.9629, -83.9135

Details

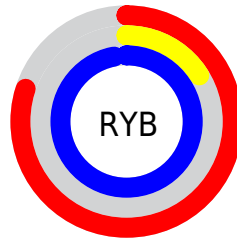
The YUV color **113.5090, 65.8111, 78.4836** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **175.4910, -65.8111, -78.4836**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8850, 41.9617, 74.6459**, and **64.3030, 61.4756, 69.0173** is the 20% darker color. If you saturate the color by 10%, you get **97.3390, 73.7829, 88.2797**, and if you desaturate by 10%, it is **129.6790, 57.8393, 68.6875**.

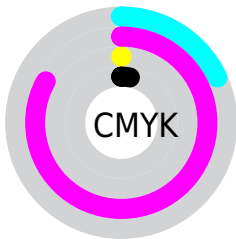
Distribution



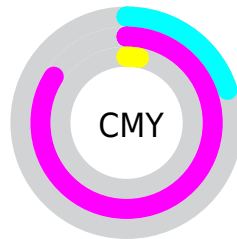
- Red (80%)
- Green (16%)
- Blue (97%)



- Red (80%)
- Yellow (16%)
- Blue (97%)



- Cyan (18%)
- Magenta (83%)
- Yellow (0%)
- Black (3%)




- Cyan (20%)
- Magenta (84%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.5090, 65.8111, 78.4836 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 113.5090, 65.8111, 78.4836 by changing the saturation by 10% instead.


 113.5090, 65.8111,
78.4836


 113.5090, 65.8111,
78.4836


255.0000, 0.0000,
0.0000


 76.5790, 69.7206,
84.5612


 169.8850, 41.9617,
74.6459


 64.3030, 61.4756,
69.0173


 187.4950, 33.2800,
59.2019

 52.5540, 53.9569,
53.8881


 205.1050, 24.5982,
43.7579

 40.5060, 46.5855,
38.1442

 222.1280, 16.2059,
28.8287

 28.4580, 39.2142,
22.4003

 239.7380, 7.5242,
13.3848

 14.2460, 33.8957,
1.5383

 6.7260, 25.7711,

-5.8987

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 113.5090, 65.8111,
78.4836

■ 113.5090, 65.8111,
78.4836

■ 97.3390, 73.7829,
88.2797

■ 129.6790, 57.8393,
68.6875

■ 86.1640, 79.2921,
94.5722

■ 145.5610, 50.0094,
60.0210

■ 161.7310, 42.0376,
50.2249

■ 177.9010, 34.0658,
40.4288

■ 194.3700, 25.9466,
31.2475

■ 209.9530, 18.2642,
21.9662

■ 226.1230, 10.2924,
12.1701

■ 242.2930, 2.3206,
2.3740

■ 252.8920, -2.9048,
-1.6593

Harmonies

Analogous

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



97.1620, 77.8141, -85.2111



113.5090, 65.8111, 78.4836



94.4850, 32.2989, 140.7717

Triad

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



113.5090, 65.8111, 78.4836



119.5530, -58.9396, 51.2580



116.8680, 36.5471, -102.4932

Complementary

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



113.5090, 65.8111, 78.4836



175.4910, -65.8111, -78.4836

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.



104.6360, -5.2435, -91.7658



113.5090, 65.8111, 78.4836



109.9760, -54.2182, -16.6420

Square

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



113.5090, 65.8111, 78.4836



102.5830, -50.5734, 121.3917



90.3980, -44.5662, -79.2790



123.5770, 64.7915, -108.3770

Rectangle

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



113.5090, 65.8111, 78.4836



87.4170, 5.2174, 146.9703



90.3980, -44.5662, -79.2790



113.2200, 22.5695, -99.2939

Sweetspot

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



113.5090, 65.8111, 78.4836



213.2460, 20.5847, 24.3403



91.1980, 76.8104, -43.1466



102.4160, 12.6129, 14.5442



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.



113.5090, 65.8111, 78.4836



88.8700, 81.9021, 97.4610



120.0530, 33.9909, 111.3325



114.3580, 3.7675, 4.9480



64.8580, 59.7230, 71.1615



20.4800, 18.9904, 22.3810

Inverse Universe

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



108.3110, -10.9993, 121.6303



82.5150, -13.5649, 151.2693



168.9470, -33.9909, -111.3325



113.9300, -0.4585, 7.0774



60.1740, -9.9458, 110.3494



19.1230, -3.0186, 34.9721

Previews

White Background



This preview shows how the YUV color 113.5090, 65.8111, 78.4836 looks on a white background.

Color Contrast Check

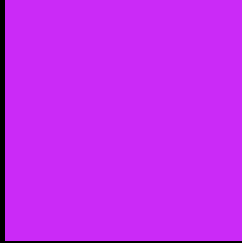
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 113.5090, 65.8111, 78.4836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

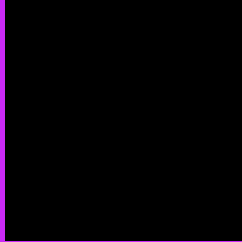
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.5090, 65.8111, 78.4836

Background



This preview shows how black text looks on a background with the YUV color 113.5090, 65.8111, 78.4836.



This preview shows how white text looks on a background with the YUV color 113.5090, 65.8111,

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

113.5090, 65.8111, 78.4836

Protanopia

109.9420, 71.5136, -70.9861

Deuteranopia

101.7150, 62.2585, -89.2041



Tritanopia

127.4300, -8.5930, 49.6119

Trichromacy



Original Color

113.5090, 65.8111, 78.4836



Protanomaly

111.4140, 69.3089, -17.0261



Deuteranomaly

105.8550, 63.6685, -27.9368



Tritanomaly

122.3090, 18.5817, 60.2420

Monochromacy



Original Color

113.5090, 65.8111, 78.4836



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.7780, 23.7734, 28.2587

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.5090, 65.8111, 78.4836 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(203, 42, 247)` looks like.

```
.text, #text, p{  
    color:rgb(203, 42, 247)  
}
```

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(203, 42, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 42, 247) }
```

Border

The CSS property to change the border of an element to YUV 113.5090, 65.8111, 78.4836 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(203, 42, 247) }
```


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

```
.border{ border-color:rgb(203, 42, 247) }
```

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

Here you see how a box with a 4 pixel rgb(203, 42, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 42, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 42, 247);  
box-shadow:4px 4px 4px 4px rgb(203, 42,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 113.5090, 65.8111, 78.4836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 42, 247) }
```

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

```
.background{ background-color: rgb(203, 42,  
247) }
```

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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