

Converting Colors

YUV(117.2440, 57.5607,
64.6840)

Have a look what the booklet for
YUV(117.2440, 57.5607, 64.6840)
contains.

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Color

**YUV(117.2440, 57.5607,
64.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	BF39EA
RGB	191, 57, 234
RGB Percent	75%, 22%, 92%
CMY	0.2510, 0.7765, 0.0824
CMYK	0.18, 0.76, 0.00, 0.08
HSL	285°, 81%, 57%
HSV	285°, 76%, 92%
XYZ	37.8003, 19.9431, 79.6990
YIQ	117.2440, 23.0470, 83.4550

Conversions

Conversions Part 2

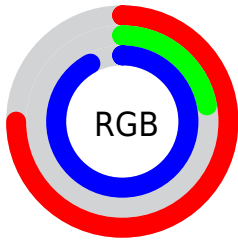
Format	Color
RYB	191, 57, 234
Decimal	12532202
CIELab	51.77, 75.57, -63.39
CIElCh	52, 98.640, 320.008
Yxy	19.9431, 0.2750, 0.1451
Android (android.graphics.Color)	4290722282 (0xFFBF39EA)
YUV	117.2440, 57.5607, 64.6840
Hunter-Lab	44.6577, 72.9392, -74.5523

Details

The YUV color **117.2440, 57.5607, 64.6840** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **173.7560, -57.5607, -64.6840**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3850, 40.2362, 68.0684**, and **59.6460, 57.8555, 63.4545** is the 20% darker color. If you saturate the color by 10%, you get **101.9490, 65.1011, 72.8357**, and if you desaturate by 10%, it is **132.5390, 50.0203, 56.5323**.

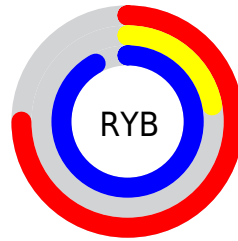
Distribution



Red (75%)

Green (22%)

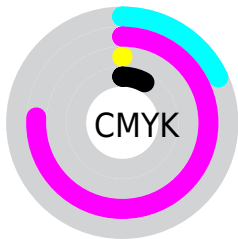
Blue (92%)



Red (75%)

Yellow (22%)

Blue (92%)

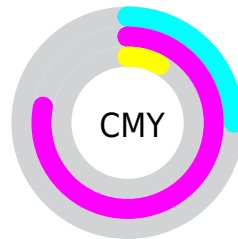


Cyan (18%)

Magenta (76%)

Yellow (0%)

Black (8%)



Cyan (25%)

Magenta (78%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.2440, 57.5607, 64.6840 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 117.2440, 57.5607, 64.6840 by changing the saturation by 10% instead.


 117.2440, 57.5607,
64.6840


 117.2440, 57.5607,
64.6840


255.0000, 0.0000,
0.0000


 80.0260, 61.6122,
71.8912


 173.3850, 40.2362,
68.0684


 59.6460, 57.8555,
63.4545


 191.0170, 31.5436,
56.1131

 47.8970, 50.3368,
48.3253


 208.0400, 23.1513,
41.1839

 36.1480, 42.8180,
33.1962

 225.6500, 14.4696,
25.7400

 24.8120, 35.5887,
18.5819

 242.6730, 6.0772,
10.8108

 9.4040, 30.8598,
-4.7393

 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 117.2440, 57.5607,
64.6840

■ 117.2440, 57.5607,
64.6840

■ 101.9490, 65.1011,
72.8357

■ 132.5390, 50.0203,
56.5323

■ 86.3660, 72.7836,
82.1170

■ 148.1220, 42.3379,
47.2510

■ 79.5990, 76.1197,
85.4207

■ 163.4170, 34.7974,
39.0993

■ 179.2990, 26.9676,
30.4328

■ 194.2950, 19.5746,
21.6663

■ 209.5900, 12.0341,
13.5146

■ 225.4720, 4.2043,
4.8481

■ 240.4680, -3.1887,
-3.9184

■ 248.7190, -7.2565,
-5.8926

Harmonies

Analogous

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



96.5750, 78.1035, -84.6963



117.2440, 57.5607, 64.6840



93.4310, 30.8465, 139.9420

Triad

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



117.2440, 57.5607, 64.6840



116.5960, -57.4818, 50.3433



112.6790, 33.1893, -98.8195

Complementary

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



117.2440, 57.5607, 64.6840



173.7560, -57.5607, -64.6840

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.



100.7720, -4.8176, -88.3770



117.2440, 57.5607, 64.6840



108.8350, -53.6557, -10.3793

Square

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



117.2440, 57.5607, 64.6840



103.7020, -51.1251, 111.6403



87.4630, -43.1193, -76.7051



119.9410, 66.0911, -105.1883

Rectangle

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



117.2440, 57.5607, 64.6840



87.6450, 6.0910, 146.7703



87.4630, -43.1193, -76.7051



108.7860, 20.8115, -95.4053

Sweetspot

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



117.2440, 57.5607, 64.6840



216.1810, 19.1378, 21.7663



103.0060, 64.5800, -40.3473



104.1770, 11.7447, 12.9998



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.



117.2440, 57.5607, 64.6840



102.0720, 75.3935, 85.0059



125.0850, 32.0031, 95.5185



109.6460, 3.6255, 3.8185



61.5970, 58.8657, 66.1284



18.4150, 17.5434, 19.8070

Inverse Universe

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



114.8250, -7.3087, 104.5165



98.7520, -9.7377, 137.0295



165.9150, -32.0031, -95.5185



109.5170, -0.7479, 6.5626



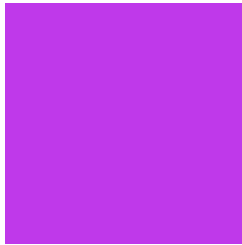
59.1350, -7.4616, 106.8756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 117.2440, 57.5607, 64.6840 looks on a white background.

Color Contrast Check

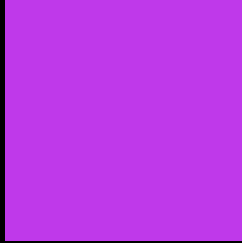
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.2440, 57.5607, 64.6840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

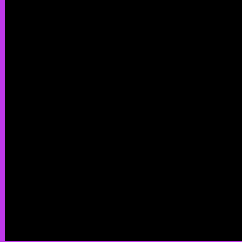
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.2440, 57.5607, 64.6840

Background



This preview shows how black text looks on a background with the YUV color 117.2440, 57.5607, 64.6840.



This preview shows how white text looks on a background with the YUV color 117.2440, 57.5607, 64.6840.

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

117.2440, 57.5607, 64.6840

Protanopia

98.5810, 75.6356, -86.4555

Deuteranopia

105.2500, 57.5577, -74.7643



Tritanopia

124.8420, -6.8241, 42.2346

Trichromacy



Original Color

117.2440, 57.5607, 64.6840



Protanomaly

104.9130, 69.0629, -31.4957



Deuteranomaly

109.5690, 57.4005, -24.1780



Tritanomaly

122.0860, 16.7196, 50.7906

Monochromacy



Original Color

117.2440, 57.5607, 64.6840



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

117.0610, 21.1689, 23.6255

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2440, 57.5607, 64.6840 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(191, 57, 234)` looks like.

```
.text, #text, p{  
    color:rgb(191, 57, 234)  
}
```

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(191, 57, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 57, 234) }
```

Border

The CSS property to change the border of an element to YUV 117.2440, 57.5607, 64.6840 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(191, 57, 234) }
```


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

```
.border{ border-color:rgb(191, 57, 234) }
```

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

Here you see how a box with a 4 pixel rgb(191, 57, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 57, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 57, 234);  
box-shadow:4px 4px 4px 4px rgb(191, 57,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 117.2440, 57.5607, 64.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 57, 234) }
```

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

```
.background{ background-color: rgb(191, 57,  
234) }
```

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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