

Converting Colors

YUV(116.9950, 38.4565,
78.9344)

Have a look what the booklet for
YUV(116.9950, 38.4565, 78.9344)
contains.

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Color

**YUV(116.9950, 38.4565,
78.9344)**

Conversions

Conversions Part 1

Format	Color
Hex	CF38C3
RGB	207, 56, 195
RGB Percent	81%, 22%, 76%
CMY	0.1882, 0.7804, 0.2353
CMYK	0.00, 0.73, 0.06, 0.19
HSL	305°, 61%, 52%
HSV	305°, 73%, 81%
XYZ	36.9966, 20.0339, 53.5467
YIQ	116.9950, 45.3770, 75.2410

Conversions

Conversions Part 2

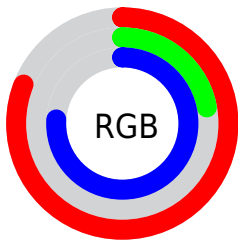
Format	Color
R _Y B	207, 56, 195
Decimal	13580483
CIE Lab	51.88, 72.50, -40.84
CIE LCh	52, 83.215, 330.609
Yxy	20.0339, 0.3346, 0.1812
Android (android.graphics.Color)	4291770563 (0xFFCF38C3)
YUV	116.9950, 38.4565, 78.9344
Hunter-Lab	44.7592, 69.2141, -39.5989

Details

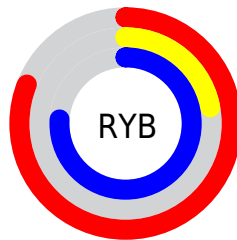
The YUV color **116.9950, 38.4565, 78.9344** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **146.0050, -38.4565, -78.9344**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6520, 38.6256, 71.3422**, and **60.6250, 39.6249, 77.5049** is the 20% darker color. If you saturate the color by 10%, you get **104.4400, 43.6601, 89.9451**, and if you desaturate by 10%, it is **129.5500, 33.2528, 67.9236**.

Distribution



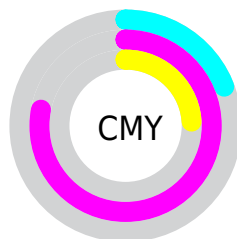
- Red (81%)
- Green (22%)
- Blue (76%)



- Red (81%)
- Yellow (22%)
- Blue (76%)



- Cyan (0%)
- Magenta (73%)
- Yellow (6%)
- Black (19%)





- Cyan (19%)
- Magenta (78%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.9950, 38.4565, 78.9344 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 116.9950, 38.4565, 78.9344 by changing the saturation by 10% instead.


 116.9950, 38.4565,
78.9344


 116.9950, 38.4565,
78.9344


255.0000, 0.0000,
0.0000


 77.5430, 44.1023,
88.1008


 173.6520, 38.6256,
71.3422


 60.6250, 39.6249,
77.5049


 191.0170, 31.5436,
56.1131

 48.9900, 32.5429,
62.2758


 208.0400, 23.1513,
41.1839

 37.7680, 25.7504,
47.5615

 225.6500, 14.4696,
25.7400

 27.2580, 19.0998,
33.9767

 242.6730, 6.0772,
10.8108

 15.9650, 13.3283,
18.4477

 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 116.9950, 38.4565,
78.9344

■ 116.9950, 38.4565,
78.9344

■ 104.4400, 43.6601,
89.9451

■ 129.5500, 33.2528,
67.9236

■ 92.5860, 49.0111,
100.3411

■ 141.4040, 27.9018,
57.5277

■ 83.6670, 52.9152,
108.1630

■ 153.9590, 22.6982,
46.5170

■ 166.5140, 17.4946,
35.5062

■ 178.3680, 12.1436,
25.1103

■ 190.9230, 6.9400,
14.0995

■ 203.4780, 1.7363,
3.0888

■ 215.9190, -3.9041,
-7.8220

■ 227.8870, -8.8183,
-18.3179

Harmonies

Analogous

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



122.2210, 62.0090, -8.9638



116.9950, 38.4565, 78.9344



87.0210, 19.2166, 136.7936

Triad

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



116.9950, 38.4565, 78.9344



116.1650, -57.2693, 28.7963



112.0410, 40.8988, -98.2600

Complementary

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



116.9950, 38.4565, 78.9344



146.0050, -38.4565, -78.9344

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.



103.8330, 9.4493, -91.0615



116.9950, 38.4565, 78.9344



104.9040, -51.7177, -25.3488

Square

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



116.9950, 38.4565, 78.9344



113.5270, -55.9688, 78.4678



92.7070, -23.0266, -81.3040



115.2620, 65.9328, -101.0848

Rectangle

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



116.9950, 38.4565, 78.9344



91.0550, -5.9431, 133.2558



92.7070, -23.0266, -81.3040



109.4190, 30.8524, -95.9605

Sweetspot

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



116.9950, 38.4565, 78.9344



221.6720, 14.4587, 29.2287



76.2040, 64.4824, -8.9489



107.7000, 8.5289, 17.8031



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.



116.9950, 38.4565, 78.9344



121.4600, 56.9612, 117.1146



108.5590, 6.1334, 86.3328



98.4290, 2.7465, 5.7628



67.9020, 42.9393, 87.7859



16.5910, 10.5546, 21.4067

Inverse Universe

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



116.9950, 38.4565, 78.9344



121.4600, 56.9612, 117.1146



154.4410, -6.1334, -86.3328



98.4290, 2.7465, 5.7628



67.9020, 42.9393, 87.7859



16.5910, 10.5546, 21.4067

Previews

White Background



This preview shows how the YUV color 116.9950, 38.4565, 78.9344 looks on a white background.

Color Contrast Check

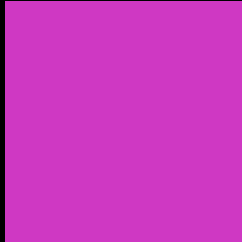
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.9950, 38.4565, 78.9344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

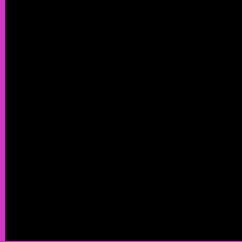
Any Text WCAG AA ✓ Pass

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 116.9950, 38.4565, 78.9344 Background



This preview shows how black text looks on a background with the YUV color 116.9950, 38.4565, 78.9344.



This preview shows how white text looks on a background with the YUV color 116.9950, 38.4565,

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

116.9950, 38.4565, 78.9344

Protanopia

105.8600, 72.5400, -73.5452

Deuteranopia

122.2940, 30.9141, -22.1828



Tritanopia

122.6770, -13.1518, 65.1813

Trichromacy



Original Color

116.9950, 38.4565, 78.9344



Protanomaly

109.9980, 60.1470, -18.4152



Deuteranomaly

120.6220, 33.7104, 14.3635



Tritanomaly

120.9330, 5.4560, 70.2188

Monochromacy



Original Color

116.9950, 38.4565, 78.9344



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

117.1450, 13.7325, 28.8138

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9950, 38.4565, 78.9344 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(207, 56, 195)` looks like.

```
.text, #text, p{  
    color:rgb(207, 56, 195)  
}
```

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(207, 56, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 56, 195) }
```

Border

The CSS property to change the border of an element to YUV 116.9950, 38.4565, 78.9344 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(207, 56, 195) }
```


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

```
.border{ border-color:rgb(207, 56, 195) }
```

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

Here you see how a box with a 4 pixel rgb(207, 56, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 56, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 56, 195);  
box-shadow:4px 4px 4px 4px rgb(207, 56,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 116.9950, 38.4565, 78.9344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 56, 195) }
```

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

```
.background{ background-color: rgb(207, 56,  
195) }
```

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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