

Converting Colors

YUV(115.1040, 39.8817,
88.4858)

Have a look what the booklet for
YUV(115.1040, 39.8817, 88.4858)
contains.

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Color

**YUV(115.1040, 39.8817,
88.4858)**

Conversions

Conversions Part 1

Format	Color
Hex	D830C4
RGB	216, 48, 196
RGB Percent	85%, 19%, 77%
CMY	0.1529, 0.8118, 0.2314
CMYK	0.00, 0.78, 0.09, 0.15
HSL	307°, 68%, 52%
HSV	307°, 78%, 85%
XYZ	39.3397, 20.6984, 54.1463
YIQ	115.1040, 52.6200, 81.6440

Conversions

Conversions Part 2

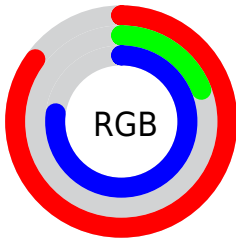
Format	Color
R _{YB}	216, 48, 196
Decimal	14168260
CIE _{Lab}	52.62, 76.85, -40.15
CIE _{LCh}	53, 86.709, 332.419
Y _{xy}	20.6984, 0.3445, 0.1813
Android (android.graphics.Color)	4292358340 (0xFFD830C4)
YUV	115.1040, 39.8817, 88.4858
Hunter-Lab	45.4954, 74.7309, -38.7170

Details

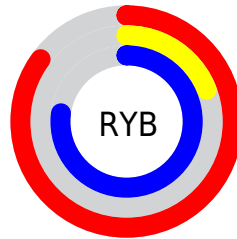
The YUV color **115.1040, 39.8817, 88.4858** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **148.8960, -39.8817, -88.4858**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.4180, 40.2199, 73.3014**, and **63.1310, 38.8824, 82.3231** is the 20% darker color. If you saturate the color by 10%, you get **101.8480, 44.9379, 100.1113**, and if you desaturate by 10%, it is **128.3600, 34.8255, 76.8603**.

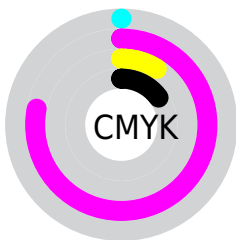
Distribution



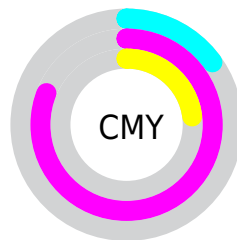
- Red (85%)
- Green (19%)
- Blue (77%)



- Red (85%)
- Yellow (19%)
- Blue (77%)



- Cyan (0%)
- Magenta (78%)
- Yellow (9%)
- Black (15%)





- Cyan (15%)
- Magenta (81%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.1040, 39.8817, 88.4858 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 115.1040, 39.8817, 88.4858 by changing the saturation by 10% instead.


 115.1040, 39.8817,
88.4858


 115.1040, 39.8817,
88.4858


255.0000, 0.0000,
0.0000


 74.7660, 45.9644,
97.5522


 171.4180, 40.2199,
73.3014


 63.1310, 38.8824,
82.3231


 189.2560, 32.4118,
57.6575

 51.4960, 31.8005,
67.0940


 206.2790, 24.0195,
42.7283

 39.9750, 25.1553,
51.7649

 223.8890, 15.3377,
27.2843

 29.0520, 18.2154,
37.6654

 241.4990, 6.6560,
11.8404

 18.0580, 12.2964,
22.7511

 2.3940, 9.1728,

-2.0995

■ 0.0000, 0.0000,
0.0000

■ 115.1040, 39.8817,
88.4858

■ 115.1040, 39.8817,
88.4858

■ 101.8480, 44.9379,
100.1113

■ 128.3600, 34.8255,
76.8603

■ 89.2930, 50.1416,
111.1220

■ 140.9150, 29.6219,
65.8495

■ 86.2440, 51.1517,
113.7960

■ 154.1710, 24.5657,
54.2240

■ 166.7260, 19.3621,
43.2133

■ 179.9820, 14.3059,
31.5878

193.1240, 8.8129,
20.0623

205.7930, 4.0461,
8.9515

219.0490, -1.0102,
-2.6740

231.6040, -6.2138,
-13.6847

Harmonies

Analogous

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



125.1940, 63.0084, -2.8011



115.1040, 39.8817, 88.4858



88.7720, 16.8744, 141.3970

Triad

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



115.1040, 39.8817, 88.4858



117.6270, -57.9901, 26.6371



114.8280, 43.9618, -100.7042

Complementary

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



115.1040, 39.8817, 88.4858



148.8960, -39.8817, -88.4858

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.



106.3920, 11.6387, -93.3058



115.1040, 39.8817, 88.4858



104.2730, -51.4066, -31.8114

Square

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



115.1040, 39.8817, 88.4858



115.8860, -57.1318, 78.1530



94.8100, -22.5843, -83.1484



117.1200, 67.9748, -102.7142

Rectangle

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



115.1040, 39.8817, 88.4858



83.4740, -4.6707, 145.1663



94.8100, -22.5843, -83.1484



112.2060, 33.9154, -98.4047

Sweetspot

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



115.1040, 39.8817, 88.4858



219.5690, 14.0165, 31.0730



73.1320, 70.4339, -4.5008



106.2980, 8.2341, 19.0327



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.



115.1040, 39.8817, 88.4858



112.6890, 56.3553, 124.8067



105.5280, 3.1907, 96.8839



100.4290, 2.7465, 5.7628



68.3430, 40.7499, 90.0302



17.1890, 10.2598, 22.6362

Inverse Universe

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



115.1040, 39.8817, 88.4858



112.6890, 56.3553, 124.8067



158.4720, -3.1907, -96.8839



100.4290, 2.7465, 5.7628



68.3430, 40.7499, 90.0302



17.1890, 10.2598, 22.6362

Previews

White Background



This preview shows how the YUV color 115.1040, 39.8817, 88.4858 looks on a white background.

Color Contrast Check

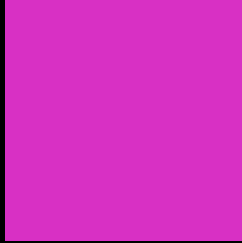
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.1040, 39.8817, 88.4858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

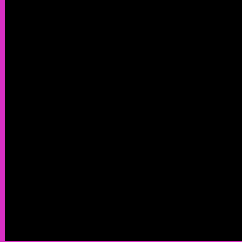
Any Text WCAG AA ✓ Pass

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 115.1040, 39.8817, 88.4858 Background



This preview shows how black text looks on a background with the YUV color 115.1040, 39.8817, 88.4858.



This preview shows how white text looks on a background with the YUV color 115.1040, 39.8817, 88.4858.

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

115.1040, 39.8817, 88.4858

Protanopia

109.3550, 71.8030, -70.4713

Deuteranopia

124.6640, 29.7456, -20.7533



Tritanopia

123.1510, -15.3574, 72.6586

Trichromacy



Original Color

115.1040, 39.8817, 88.4858



Protanomaly

111.4440, 60.4201, -12.6674



Deuteranomaly

121.2420, 33.4047, 19.0818



Tritanomaly

120.4610, 4.7027, 78.5257

Monochromacy



Original Color

115.1040, 39.8817, 88.4858



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

115.2810, 14.1585, 32.2026

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.1040, 39.8817, 88.4858 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(216, 48, 196)` looks like.

```
.text, #text, p{  
    color:rgb(216, 48, 196)  
}
```

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(216, 48, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 48, 196) }
```

Border

The CSS property to change the border of an element to YUV 115.1040, 39.8817, 88.4858 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(216, 48, 196) }
```


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

```
.border{ border-color:rgb(216, 48, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 48, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 48, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 48, 196);  
box-shadow:4px 4px 4px 4px rgb(216, 48,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 115.1040, 39.8817, 88.4858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 48, 196) }
```

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

```
.background{ background-color: rgb(216, 48,  
196) }
```

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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