

Converting Colors

YUV(139.9290, 38.4890,
68.4683)

Have a look what the booklet for
YUV(139.9290, 38.4890, 68.4683)
contains.

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Color

**YUV(139.9290, 38.4890,
68.4683)**

Conversions

Conversions Part 1

Format	Color
Hex	DA55DA
RGB	218, 85, 218
RGB Percent	85%, 33%, 85%
CMY	0.1451, 0.6667, 0.1451
CMYK	0.00, 0.61, 0.00, 0.15
HSL	300°, 64%, 59%
HSV	300°, 61%, 85%
XYZ	44.8168, 26.4644, 69.0757
YIQ	139.9290, 36.5750, 69.5590

Conversions

Conversions Part 2

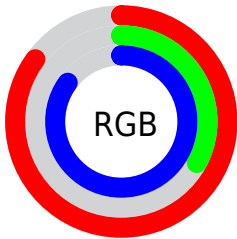
Format	Color
R _{YB}	218, 85, 218
Decimal	14308826
CIE _{Lab}	58.48, 68.15, -43.45
CIE _{LCh}	58, 80.824, 327.484
Y _{xy}	26.4644, 0.3193, 0.1886
Android (android.graphics.Color)	4292498906 (0xFFDA55DA)
YUV	139.9290, 38.4890, 68.4683
Hunter-Lab	51.4435, 65.4803, -43.6010

Details

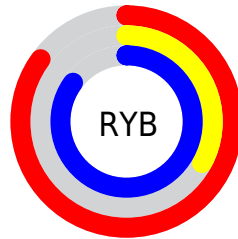
The YUV color **139.9290, 38.4890, 68.4683** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **163.0710, -38.4890, -68.4683**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.6690, 32.7012, 58.1723**, and **73.9390, 43.4141, 75.4755** is the 20% darker color. If you saturate the color by 10%, you get **127.0150, 44.8556, 79.7938**, and if you desaturate by 10%, it is **152.8430, 32.1224, 57.1427**.

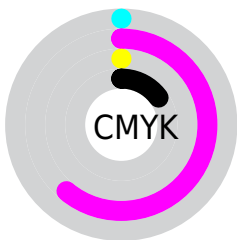
Distribution



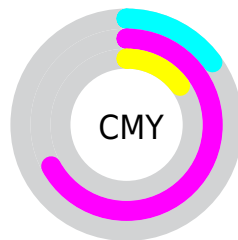
- Red (85%)
- Green (33%)
- Blue (85%)



- Red (85%)
- Yellow (33%)
- Blue (85%)



- Cyan (0%)
- Magenta (61%)
- Yellow (0%)
- Black (15%)





- Cyan (15%)
- Magenta (67%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.9290, 38.4890, 68.4683 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 139.9290, 38.4890, 68.4683 by changing the saturation by 10% instead.


 139.9290, 38.4890,
68.4683


 139.9290, 38.4890,
68.4683


255.0000, 0.0000,
0.0000


 110.4560, 39.2152,
68.8831


 188.6690, 32.7012,
58.1723

 73.9390, 43.4141,
75.4755


 205.6920, 24.3088,
43.2431


 54.6730, 40.0942,
66.9388

 222.7150, 15.9165,
28.3139

 43.3370, 32.8649,
52.3245

 239.7380, 7.5242,
13.3848

 32.4140, 25.9249,
38.2249

 22.2030, 19.1269,
25.2550

 9.4150, 14.0924,

6.6520

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 139.9290, 38.4890,
68.4683

■ 139.9290, 38.4890,
68.4683

■ 127.0150, 44.8556,
79.7938

■ 152.8430, 32.1224,
57.1427

■ 114.1010, 51.2222,
91.1194

■ 165.7570, 25.7558,
45.8171

■ 101.7740, 57.2994,
101.9302

■ 178.0840, 19.6786,
35.0063

■ 90.0340, 63.0872,
112.2262

■ 190.9980, 13.3120,
23.6808

■ 203.9120, 6.9454,
12.3552

■ 216.8260, 0.5788,
1.0296

■ 229.7400, -5.7878,
-10.2960

■ 239.7190,
-10.7075, -19.0476

Harmonies

Analogous

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



137.4390, 57.9576, -16.1710



139.9290, 38.4890, 68.4683



122.6950, 13.4614, 116.0315

Triad

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



139.9290, 38.4890, 68.4683



132.1570, -65.1534, 37.5733



123.7470, 40.0577, -108.5261

Complementary

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



139.9290, 38.4890, 68.4683



163.0710, -38.4890, -68.4683

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.



115.4250, 8.1715, -101.2277



139.9290, 38.4890, 68.4683



122.6790, -60.4807, -14.6275

Square

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



139.9290, 38.4890, 68.4683



129.5080, -63.8474, 85.5005



103.9400, -23.1414, -91.1554



126.5120, 63.3446, -110.9510

Rectangle

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



139.9290, 38.4890, 68.4683



120.2720, -8.5151, 118.1565



103.9400, -23.1414, -91.1554



121.0110, 29.5746, -106.1266

Sweetspot

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



139.9290, 38.4890, 68.4683



227.9980, 13.3120, 23.6808



100.1620, 58.0941, -13.2971



110.9770, 8.3923, 14.9292



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.



139.9290, 38.4890, 68.4683



145.8180, 53.8267, 95.7526



132.4050, 9.6603, 75.0668



103.5430, 3.1833, 5.6628



71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Inverse Universe

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



139.9290, 38.4890, 68.4683



145.8180, 53.8267, 95.7526



170.7090, -9.2235, -75.1668



103.5430, 3.1833, 5.6628



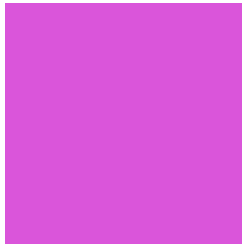
71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 139.9290, 38.4890, 68.4683 looks on a white background.

Color Contrast Check

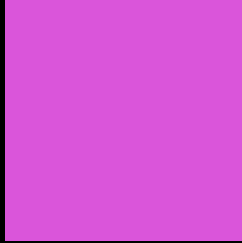
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.9290, 38.4890, 68.4683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

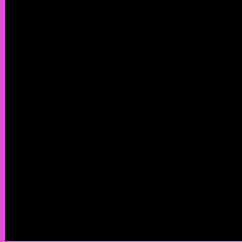
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.9290, 38.4890, 68.4683

Background



This preview shows how black text looks on a background with the YUV color 139.9290, 38.4890, 68.4683.



This preview shows how white text looks on a background with the YUV color 139.9290, 38.4890,

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

139.9290, 38.4890, 68.4683

Protanopia

134.3060, 59.5021, -44.9954

Deuteranopia

139.1950, 34.4139, -24.7270



Tritanopia

142.0180, -10.3619, 56.9892

Trichromacy



Original Color

139.9290, 38.4890, 68.4683



Protanomaly

136.3220, 52.0993, -3.7904



Deuteranomaly

139.4580, 35.7632, 9.2453



Tritanomaly

141.3340, 7.2303, 61.0971

Monochromacy



Original Color

139.9290, 38.4890, 68.4683



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

139.8240, 13.8908, 24.7104

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.9290, 38.4890, 68.4683 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(218, 85, 218)` looks like.

```
.text, #text, p{  
    color:rgb(218, 85, 218)  
}
```

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(218, 85, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 85, 218) }
```

Border

The CSS property to change the border of an element to YUV 139.9290, 38.4890, 68.4683 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(218, 85, 218) }
```


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

```
.border{ border-color:rgb(218, 85, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 85, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 85, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 85, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 85,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 139.9290, 38.4890, 68.4683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 85, 218) }
```

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

```
.background{ background-color: rgb(218, 85,  
218) }
```

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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