

Converting Colors

YUV(133.7770, 18.8439,
69.4786)

Have a look what the booklet for
YUV(133.7770, 18.8439, 69.4786)
contains.

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Color

**YUV(133.7770, 18.8439,
69.4786)**

Conversions

Conversions Part 1

Format	Color
Hex	D556AC
RGB	213, 86, 172
RGB Percent	84%, 34%, 67%
CMY	0.1647, 0.6627, 0.3255
CMYK	0.00, 0.60, 0.19, 0.16
HSL	319°, 60%, 59%
HSV	319°, 60%, 84%
XYZ	38.2148, 23.7803, 41.6056
YIQ	133.7770, 48.0860, 53.6700

Conversions

Conversions Part 2

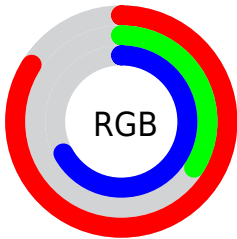
Format	Color
R _Y B	213, 86, 172
Decimal	13981356
CIE Lab	55.87, 59.26, -21.22
CIE LCh	56, 62.948, 340.297
Yxy	23.7803, 0.3689, 0.2295
Android (android.graphics.Color)	4292171436 (0xFFD556AC)
YUV	133.7770, 18.8439, 69.4786
Hunter-Lab	48.7650, 54.5429, -16.4499

Details

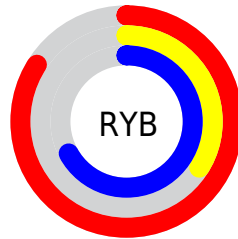
The YUV color **133.7770, 18.8439, 69.4786** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **165.2230, -18.8439, -69.4786**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5910, 20.9076, 60.8717**, and **73.5260, 22.9117, 71.4527** is the 20% darker color. If you saturate the color by 10%, you get **120.6520, 21.8636, 80.9892**, and if you desaturate by 10%, it is **146.9020, 15.8243, 57.9679**.

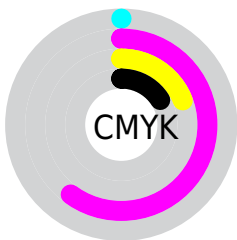
Distribution



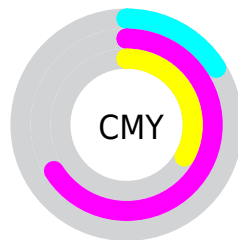
- Red (84%)
- Green (34%)
- Blue (67%)



- Red (84%)
- Yellow (34%)
- Blue (67%)



- Cyan (0%)
- Magenta (60%)
- Yellow (19%)
- Black (16%)




- Cyan (16%)
- Magenta (66%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.7770, 18.8439, 69.4786 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 133.7770, 18.8439, 69.4786 by changing the saturation by 10% instead.


 133.7770, 18.8439,
69.4786


 133.7770, 18.8439,
69.4786


255.0000, 0.0000,
0.0000


 105.0050, 19.7175,
69.2786


 185.5910, 20.9076,
60.8717


 73.5260, 22.9117,
71.4527


 205.1050, 24.5982,
43.7579


 48.8030, 22.7751,
68.5788

 222.1280, 16.2059,
28.8287

 37.6950, 16.4194,
53.7645

 239.1510, 7.8136,
13.8996

 27.0000, 10.3530,
39.4650

 17.1310, 4.8654,
26.1951

 0.0000, 0.0000,

0.0000

■ 133.7770, 18.8439,
69.4786

■ 133.7770, 18.8439,
69.4786

■ 120.6520, 21.8636,
80.9892

■ 146.9020, 15.8243,
57.9679

■ 106.9400, 25.1726,
93.0146

■ 160.6140, 12.5153,
45.9425

■ 93.8150, 28.1922,
104.5252

■ 173.7390, 9.4957,
34.4319

■ 80.6900, 31.2118,
116.0359

■ 186.8640, 6.4760,
22.9213

■ 80.1030, 31.5012,
116.5507

■ 200.4620, 2.7302,
10.9958

■ 213.5870, -0.2894,
-0.5148

■ 226.7120, -3.3090,
-12.0254

■ 239.2500, -6.0393,
-23.0212

■ 240.0480, -2.9817,
-23.7211

Harmonies

Analogous

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



137.8490, 39.5144, 19.4264



133.7770, 18.8439, 69.4786



128.1930, -5.5181, 90.1617

Triad

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



133.7770, 18.8439, 69.4786



123.1760, -60.7258, 17.3856



115.4150, 43.6724, -101.2190

Complementary

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



133.7770, 18.8439, 69.4786



165.2230, -18.8439, -69.4786

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.



110.6610, 20.3801, -97.0497



133.7770, 18.8439, 69.4786



117.2420, -37.5873, -30.9072

Square

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



133.7770, 18.8439, 69.4786



127.7150, -54.5825, 53.7469



102.9890, -3.9386, -90.3214



115.0680, 60.1125, -100.9146

Rectangle

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



133.7770, 18.8439, 69.4786



128.2900, -22.8210, 86.5687



102.9890, -3.9386, -90.3214



114.7650, 36.1049, -100.6489

Sweetspot

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



133.7770, 18.8439, 69.4786



226.2880, 6.7600, 25.1804



112.4380, 49.5771, 11.8939



109.8370, 4.0244, 15.9290



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.



133.7770, 18.8439, 69.4786



140.2660, 27.4769, 100.6217



126.5950, -8.6743, 75.7772



100.2010, 1.8729, 5.9627



64.3530, 25.4620, 93.5294



16.1630, 6.3286, 23.5360

Inverse Universe

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



133.7770, 18.8439, 69.4786



140.2660, 27.4769, 100.6217



172.4050, 8.6743, -75.7772



100.2010, 1.8729, 5.9627



64.3530, 25.4620, 93.5294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 133.7770, 18.8439, 69.4786 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 133.7770, 18.8439, 69.4786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

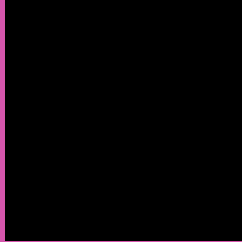
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.7770, 18.8439, 69.4786

Background



This preview shows how black text looks on a background with the YUV color 133.7770, 18.8439, 69.4786.



This preview shows how white text looks on a background with the YUV color 133.7770, 18.8439,

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

133.7770, 18.8439, 69.4786

Protanopia

133.0750, 36.4450, -22.8678

Deuteranopia

135.7620, 14.4143, -3.2993



Tritanopia

133.6060, -12.1308, 64.3665

Trichromacy



Original Color

133.7770, 18.8439, 69.4786

Protanomaly

133.2750, 29.9374, 11.1598

Deuteranomaly

134.7960, 16.3696, 22.9809

Tritanomaly

133.8910, -0.9323, 65.8706

Monochromacy



Original Color

133.7770, 18.8439, 69.4786

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.2880, 6.7600, 25.1804

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.7770, 18.8439, 69.4786 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(213, 86, 172)` looks like.

```
.text, #text, p{  
    color:rgb(213, 86, 172)  
}
```

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(213, 86, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 86, 172) }
```

Border

The CSS property to change the border of an element to YUV 133.7770, 18.8439, 69.4786 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(213, 86, 172) }
```


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

```
.border{ border-color:rgb(213, 86, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 86, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 86, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 86, 172);  
box-shadow:4px 4px 4px 4px rgb(213, 86,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 133.7770, 18.8439, 69.4786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 86, 172) }
```

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

```
.background{ background-color: rgb(213, 86,  
172) }
```

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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