

Converting Colors

YUV(189.6980, 18.3899,
28.3289)

Have a look what the booklet for
YUV(189.6980, 18.3899, 28.3289)
contains.

YUV(189.6980, 18.3899, 28.3289)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(189.6980, 18.3899,
28.3289)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA6E3
RGB	222, 166, 227
RGB Percent	87%, 65%, 89%
CMY	0.1294, 0.3490, 0.1098
CMYK	0.02, 0.27, 0.00, 0.11
HSL	295°, 52%, 77%
HSV	295°, 27%, 89%
XYZ	57.6255, 48.3481, 78.9680
YIQ	189.6980, 13.7950, 30.8430

Conversions

Conversions Part 2

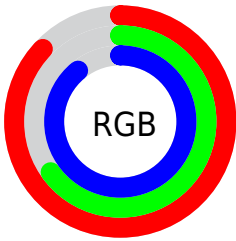
Format	Color
R _Y B	222, 166, 227
Decimal	14591715
CIE Lab	75.04, 30.75, -22.72
CIE LCh	75, 38.235, 323.545
Yxy	48.3481, 0.3116, 0.2614
Android (android.graphics.Color)	4292781795 (0xFFDEA6E3)
YUV	189.6980, 18.3899, 28.3289
Hunter-Lab	69.5328, 26.2501, -18.6623

Details

The YUV color **189.6980, 18.3899, 28.3289** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **203.3020, -18.3899, -28.3289**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.6290, 9.5499, 16.9884**, and **135.4590, 17.5217, 26.7845** is the 20% darker color. If you saturate the color by 10%, you get **175.5990, 25.3407, 38.9397**, and if you desaturate by 10%, it is **203.7970, 11.4391, 17.7180**.

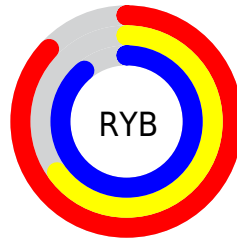
Distribution



Red (87%)

Green (65%)

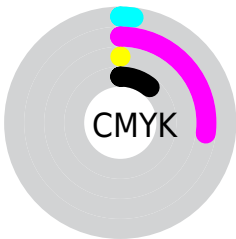
Blue (89%)



Red (87%)

Yellow (65%)

Blue (89%)

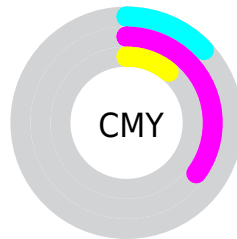


Cyan (2%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (13%)


Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 189.6980, 18.3899, 28.3289 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 189.6980, 18.3899, 28.3289 by changing the saturation by 10% instead.

 189.6980, 18.3899,
28.3289


 189.6980, 18.3899,
28.3289

255.0000, 0.0000,
0.0000


 162.2850, 18.1005,
27.8141


 235.6290, 9.5499,
16.9884


 135.4590, 17.5217,
26.7845

 252.0650, 1.4470,
2.5740

 109.7470, 17.3797,
25.6549

 84.9210, 16.8009,
24.6253

 61.0950, 16.2222,
23.5957

 36.7960, 16.3696,
22.9809

 17.4320, 15.0700,

19.7921

■ 5.3560, 10.1775,
2.3188

■ 0.0000, 0.0000,
0.0000

■ 189.6980, 18.3899,
28.3289

■ 189.6980, 18.3899,
28.3289

■ 175.5990, 25.3407,
38.9397

■ 203.7970, 11.4391,
17.7180

■ 162.0870, 32.0021,
49.0357

■ 217.3090, 4.7777,
7.6220

■ 147.9880, 38.9529,
59.6465

■ 231.4080, -2.1731,
-2.9888

■ 134.1880, 45.7563,
70.8721

■ 244.0340, -8.3978,
-13.1848

120.6760, 52.4177,
80.9681

244.6320, -8.6926,
-11.9553

106.5770, 59.3685,
91.5790

245.2300, -8.9874,
-10.7257

92.4780, 66.3193,
102.1898

245.8280, -9.2822,
-9.4962

88.0700, 68.4925,
105.1786

246.4260, -9.5770,
-8.2666

247.0240, -9.8718,
-7.0370

Harmonies

Analogous

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



186.0940, 31.0127, -7.0984



189.6980, 18.3899, 28.3289



189.0140, 2.4581, 51.7307

Triad

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



189.6980, 18.3899, 28.3289



183.0550, -33.5511, 28.0158



158.8770, 26.1896, -93.7311

Complementary

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



189.6980, 18.3899, 28.3289



203.3020, -18.3899, -28.3289

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.



167.3310, 4.2738, -64.3113



189.6980, 18.3899, 28.3289



179.5030, -29.8280, 0.4359

Square

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



189.6980, 18.3899, 28.3289



185.3810, -27.7958, 48.7779



174.5620, -16.0531, -31.1879



163.6080, 37.6613, -86.4792

Rectangle

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



189.6980, 18.3899, 28.3289



188.0720, -8.9095, 57.8189



174.5620, -16.0531, -31.1879



161.6840, 18.8898, -85.6689

Sweetspot

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



189.6980, 18.3899, 28.3289



242.6620, 6.0826, 9.0664



175.8890, 25.1977, -8.6727



119.7710, 4.0569, 5.4628



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.



189.6980, 18.3899, 28.3289



204.7730, 24.7619, 37.9101



188.3430, 6.7329, 33.9022



107.6570, 3.6201, 5.5628



69.4420, 54.0121, 82.9274



19.8670, 15.3486, 23.7956

Inverse Universe

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



184.8090, -6.8078, 37.0015



198.3160, -9.0298, 49.7119



204.6570, -6.7329, -33.9022



106.7020, -1.3321, 7.2773



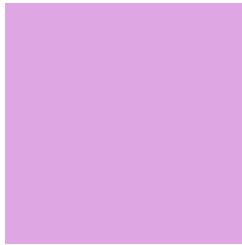
55.2310, -19.8339, 108.5454



15.7050, -5.7706, 30.9537

Previews

White Background



This preview shows how the YUV color 189.6980, 18.3899, 28.3289 looks on a white background.

Color Contrast Check

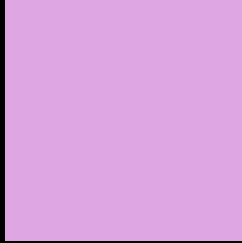
Large Text (above 18pt) WCAG AA × Fail

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 189.6980, 18.3899, 28.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

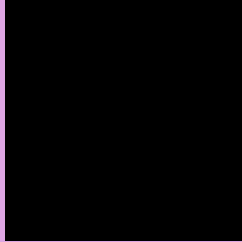
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.6980, 18.3899, 28.3289

Background



This preview shows how black text looks on a background with the YUV color 189.6980, 18.3899, 28.3289.



This preview shows how white text looks on a background with the YUV color 189.6980, 18.3899,

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

189.6980, 18.3899, 28.3289

Protanopia

185.4970, 26.3770, -13.5909

Deuteranopia

186.7990, 18.3401, -2.4547



Tritanopia

188.0400, -0.5127, 24.5209

Trichromacy



Original Color

189.6980, 18.3899, 28.3289



Protanomaly

187.2000, 23.5654, 1.5786



Deuteranomaly

188.1640, 18.1601, 8.6262



Tritanomaly

188.5870, 6.6126, 25.7952

Monochromacy



Original Color

189.6980, 18.3899, 28.3289



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

189.7870, 6.5140, 10.7108

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.6980, 18.3899, 28.3289 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(222, 166, 227)` looks like.

```
.text, #text, p{  
    color:rgb(222, 166, 227)  
}
```

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(222, 166, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 166, 227) }
```

Border

The CSS property to change the border of an element to YUV 189.6980, 18.3899, 28.3289 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(222, 166, 227) }
```


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

```
.border{ border-color:rgb(222, 166, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 166, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 166, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 166, 227);  
box-shadow:4px 4px 4px 4px rgb(222, 166,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 189.6980, 18.3899, 28.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 166, 227) }
```

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

```
.background{ background-color: rgb(222,  
166, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor