

Converting Colors

YUV(192.7980, 16.8616,
51.9202)

Have a look what the booklet for
YUV(192.7980, 16.8616, 51.9202)
contains.

YUV(192.7980, 16.8616, 51.9202)	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(192.7980, 16.8616,
51.9202)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9CE3
RGB	252, 156, 227
RGB Percent	99%, 61%, 89%
CMY	0.0118, 0.3882, 0.1098
CMYK	0.00, 0.38, 0.10, 0.01
HSL	316°, 94%, 80%
HSV	316°, 38%, 99%
XYZ	65.8985, 50.0184, 78.8543
YIQ	192.7980, 34.4250, 42.4330

Conversions

Conversions Part 2

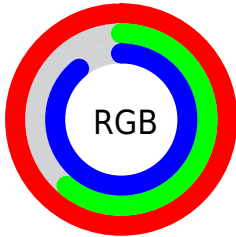
Format	Color
R _Y B	252, 156, 227
Decimal	16555235
CIE Lab	76.08, 45.64, -20.85
CIE LCh	76, 50.173, 335.451
Yxy	50.0184, 0.3383, 0.2568
Android (android.graphics.Color)	4294745315 (0xFFFC9CE3)
YUV	192.7980, 16.8616, 51.9202
Hunter-Lab	70.7237, 42.5551, -16.5996

Details

The YUV color **192.7980, 16.8616, 51.9202** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **215.2020, -16.8616, -51.9202**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **137.4880, 17.0144, 49.5610** is the 20% darker color. If you saturate the color by 10%, you get **177.3250, 21.0388, 65.4900**, and if you desaturate by 10%, it is **208.2710, 12.6844, 38.3503**.

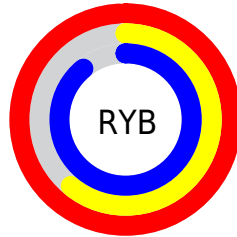
Distribution



Red (99%)

Green (61%)

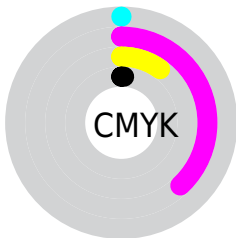
Blue (89%)



Red (99%)

Yellow (61%)

Blue (89%)

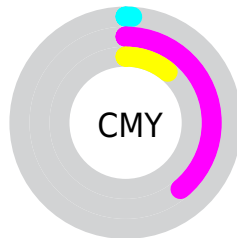


Cyan (0%)

Magenta (38%)

Yellow (10%)

Black (1%)



Cyan (1%)


Magenta (39%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 192.7980, 16.8616, 51.9202 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 192.7980, 16.8616, 51.9202 by changing the saturation by 10% instead.


 192.7980, 16.8616,
51.9202

 192.7980, 16.8616,
51.9202

255.0000, 0.0000,
0.0000


 165.0860, 16.7196,
50.7906


 229.7590, 12.4438,
22.1364


 137.4880, 17.0144,
49.5610

 246.7820, 4.0515,
7.2072

 110.7760, 16.8724,
48.4314

 84.1780, 17.1672,
47.2019

 56.8190, 18.3302,
47.5167

 33.3950, 18.0463,
45.2576

 23.4120, 12.1219,

32.0877

■ 13.8420, 6.4869,
19.4326

■ 0.0000, 0.0000,
0.0000

■ 192.7980, 16.8616,
51.9202

■ 192.7980, 16.8616,
51.9202

■ 177.3250, 21.0388,
65.4900

■ 208.2710, 12.6844,
38.3503

■ 161.9660, 25.6528,
78.9598

■ 223.6300, 8.0704,
24.8805

■ 145.9060, 30.1193,
93.0444

■ 239.6900, 3.6038,
10.7959

■ 130.5470, 34.7333,
106.5143

■ 253.8750, -0.4314,
-1.6444

■ 115.0740, 38.9105, 254.1030, 0.4422,
120.0841 -1.8443

■ 99.7150, 43.5245,
133.5539

■ 96.5520, 44.0979,
136.3279

Harmonies

Analogous

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



190.7310, 31.6846, 10.7599



192.7980, 16.8616, 51.9202



184.3420, -1.6476, 61.9671

Triad

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



192.7980, 16.8616, 51.9202



183.1500, -44.4440, 21.7934



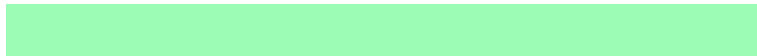
150.6300, 44.0594, -132.1025

Complementary

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



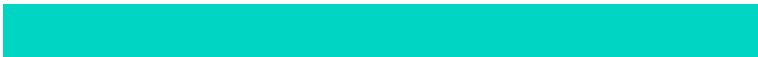
192.7980, 16.8616, 51.9202



215.2020, -16.8616, -51.9202

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.



146.6740, 23.8247, -128.6331



192.7980, 16.8616, 51.9202



178.0680, -33.5575, -16.7226

Square

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



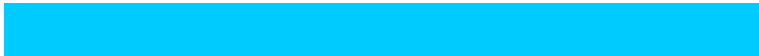
192.7980, 16.8616, 51.9202



186.0860, -40.4684, 53.4216



168.1560, -10.4299, -61.5268



148.2310, 52.6371, -129.9986

Rectangle

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



192.7980, 16.8616, 51.9202



182.5690, -16.0565, 63.5220



168.1560, -10.4299, -61.5268



149.6210, 37.6548, -131.2176

Sweetspot

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



192.7980, 16.8616, 51.9202



237.7660, 5.0454, 15.1142



174.1200, 38.3948, 5.1568



117.4510, 2.7357, 9.2515



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.



192.7980, 16.8616, 51.9202



182.7870, 20.3180, 63.3308



187.4400, -3.6679, 56.6191



117.0270, 2.4517, 6.9923



72.4710, 33.2918, 102.1959



23.3690, 10.6641, 33.0024

Inverse Universe

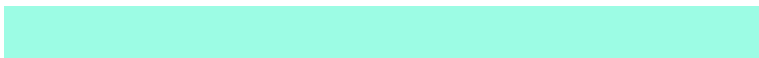
The Inverse Universe completely reimagines the original color for something new.



192.7980, 16.8616, 51.9202



182.7870, 20.3180, 63.3308



220.5600, 3.6679, -56.6191



117.0270, 2.4517, 6.9923



72.4710, 33.2918, 102.1959



23.3690, 10.6641, 33.0024

Previews

White Background



This preview shows how the YUV color 192.7980, 16.8616, 51.9202 looks on a white background.

Color Contrast Check

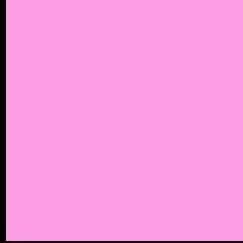
Large Text (above 18pt) WCAG AA × Fail

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 192.7980, 16.8616, 51.9202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

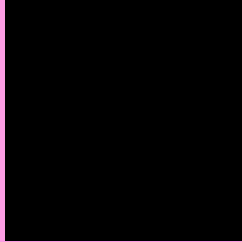
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.7980, 16.8616, 51.9202

Background



This preview shows how black text looks on a background with the YUV color 192.7980, 16.8616, 51.9202.



This preview shows how white text looks on a background with the YUV color 192.7980, 16.8616,

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

192.7980, 16.8616, 51.9202

Protanopia

188.5830, 29.2926, -15.4203

Deuteranopia

190.1260, 15.7139, -0.1105



Tritanopia

191.2880, -6.5510, 47.9824

Trichromacy



Original Color

192.7980, 16.8616, 51.9202



Protanomaly

189.8850, 24.7067, 8.8709



Deuteranomaly

191.3610, 16.0910, 18.9774



Tritanomaly

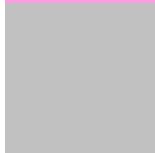
191.5900, 2.1741, 49.4716

Monochromacy



Original Color

192.7980, 16.8616, 51.9202



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.0160, 5.9081, 18.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.7980, 16.8616, 51.9202 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(252, 156, 227)` looks like.

```
.text, #text, p{  
    color:rgb(252, 156, 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(252, 156, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 156, 227) }
```

Border

The CSS property to change the border of an element to YUV 192.7980, 16.8616, 51.9202 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(252, 156, 227) }
```


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

```
.border{ border-color:rgb(252, 156, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 156, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 156, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 156, 227);  
box-shadow:4px 4px 4px 4px rgb(252, 156,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 192.7980, 16.8616, 51.9202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 156, 227) }
```

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

```
.background{ background-color: rgb(252,  
156, 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