

Converting Colors

YUV(196.7990, 11.9311,
46.6573)

Have a look what the booklet for
YUV(196.7990, 11.9311, 46.6573)
contains.

YUV(196.7990, 11.9311, 46.6573)	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(196.7990, 11.9311,
46.6573)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA5DD
RGB	250, 165, 221
RGB Percent	98%, 65%, 87%
CMY	0.0196, 0.3529, 0.1333
CMYK	0.00, 0.34, 0.12, 0.02
HSL	320°, 89%, 81%
HSV	320°, 34%, 98%
XYZ	65.9306, 52.4547, 75.0565
YIQ	196.7990, 32.6840, 35.4360

Conversions

Conversions Part 2

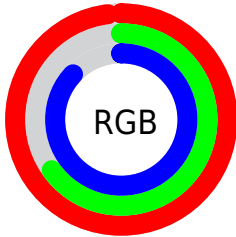
Format	Color
R _{YB}	250, 165, 221
Decimal	16426461
CIE Lab	77.55, 39.37, -15.38
CIE LCh	78, 42.264, 338.663
Yxy	52.4547, 0.3408, 0.2712
Android (android.graphics.Color)	4294616541 (0xFFFAA5DD)
YUV	196.7990, 11.9311, 46.6573
Hunter-Lab	72.4256, 35.7476, -10.7457

Details

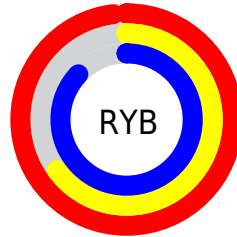
The YUV color **196.7990, 11.9311, 46.6573** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **218.2010, -11.9311, -46.6573**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.0420, 9.8393, 17.5032**, and **142.0760, 11.7945, 43.7833** is the 20% darker color. If you saturate the color by 10%, you get **181.0980, 15.2347, 60.4271**, and if you desaturate by 10%, it is **212.5000, 8.6275, 32.8875**.

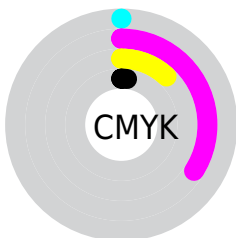
Distribution



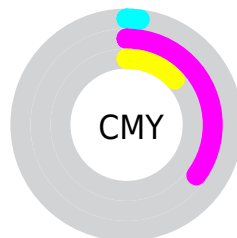
- Red (98%)
- Green (65%)
- Blue (87%)



- Red (98%)
- Yellow (65%)
- Blue (87%)



- Cyan (0%)
- Magenta (34%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (35%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 196.7990, 11.9311, 46.6573 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 196.7990, 11.9311, 46.6573 by changing the saturation by 10% instead.


 196.7990, 11.9311,
46.6573


 196.7990, 11.9311,
46.6573


255.0000, 0.0000,
0.0000


 169.0870, 11.7891,
45.5277


 235.0420, 9.8393,
17.5032


 142.0760, 11.7945,
43.7833

 252.0650, 1.4470,
2.5740

 115.3640, 11.6525,
42.6538

 89.7660, 11.9474,
41.4242

 63.5810, 12.5316,
40.7095

 36.1620, 14.7101,
41.9539

 22.6570, 10.5221,

31.8728

■ 13.6850, 4.5923,
20.4473

■ 0.0000, 0.0000,
0.0000

■ 196.7990, 11.9311,
46.6573

■ 196.7990, 11.9311,
46.6573

■ 181.0980, 15.2347,
60.4271

■ 212.5000, 8.6275,
32.8875

■ 165.5110, 18.9751,
74.0969

■ 228.0870, 4.8871,
19.2177

■ 149.8100, 22.2787,
87.8666

■ 243.7880, 1.5835,
5.4479

■ 134.2230, 26.0191,
101.5364

■ 253.5050, 0.7370,
-3.0739

■ 118.5220, 29.3227,
115.3062

■ 102.9350, 33.0630,
128.9760

■ 93.5600, 35.2199,
137.1979

Harmonies

Analogous

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



195.8300, 28.1848, 13.3041



196.7990, 11.9311, 46.6573



191.5000, -4.6835, 55.6895

Triad

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



196.7990, 11.9311, 46.6573



187.7670, -36.8601, 15.9903



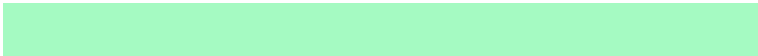
150.5160, 43.6226, -132.0025

Complementary

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



196.7990, 11.9311, 46.6573



218.2010, -11.9311, -46.6573

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.



164.2050, 18.6329, -96.6498



196.7990, 11.9311, 46.6573



183.4900, -26.8636, -17.0927

Square

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



196.7990, 11.9311, 46.6573



191.2850, -35.6365, 43.6001



176.1230, -6.9626, -53.6049



172.4500, 40.6972, -80.2016

Rectangle

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



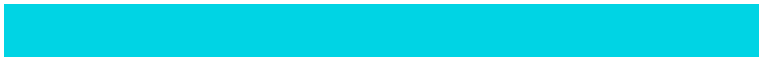
196.7990, 11.9311, 46.6573



190.2970, -16.9084, 56.7445



176.1230, -6.9626, -53.6049



150.4360, 38.2391, -131.9324

Sweetspot

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



196.7990, 11.9311, 46.6573



239.2990, 3.3036, 13.7698



183.0620, 33.0004, 8.7156



117.9240, 2.0095, 8.8367



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.



196.7990, 11.9311, 46.6573



189.2610, 14.6613, 57.6531



192.0110, -6.4144, 50.8564



116.9130, 2.0149, 7.0923



70.6470, 26.3030, 103.7956



22.7990, 8.4801, 33.5023

Inverse Universe

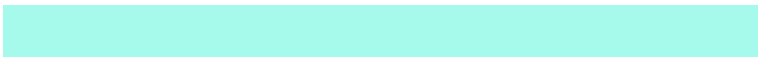
The Inverse Universe completely reimagines the original color for something new.



196.7990, 11.9311, 46.6573



189.2610, 14.6613, 57.6531



222.9890, 6.4144, -50.8564



116.9130, 2.0149, 7.0923



70.6470, 26.3030, 103.7956



22.7990, 8.4801, 33.5023

Previews

White Background



This preview shows how the YUV color 196.7990, 11.9311, 46.6573 looks on a white background.

Color Contrast Check

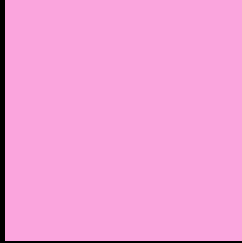
Large Text (above 18pt) WCAG AA × Fail

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 196.7990, 11.9311, 46.6573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

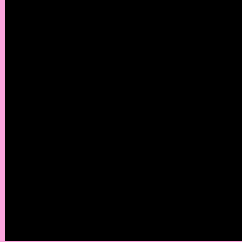
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.7990, 11.9311, 46.6573

Background



This preview shows how black text looks on a background with the YUV color 196.7990, 11.9311, 46.6573.



This preview shows how white text looks on a background with the YUV color 196.7990, 11.9311,

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

196.7990, 11.9311, 46.6573

Protanopia

192.7810, 22.2930, -10.3319

Deuteranopia

194.0080, 11.3351, 4.3780



Tritanopia

195.6080, -5.2297, 44.1938

Trichromacy



Original Color

196.7990, 11.9311, 46.6573



Protanomaly

194.2890, 18.5915, 10.2705



Deuteranomaly

195.1070, 11.2862, 20.0772



Tritanomaly

195.6280, 1.1694, 45.0532

Monochromacy



Original Color

196.7990, 11.9311, 46.6573



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.6630, 4.6031, 16.9585

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.7990, 11.9311, 46.6573 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(250, 165, 221)` looks like.

```
.text, #text, p{  
    color:rgb(250, 165, 221)  
}
```

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(250, 165, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 165, 221) }
```

Border

The CSS property to change the border of an element to YUV 196.7990, 11.9311, 46.6573 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(250, 165, 221) }
```


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

```
.border{ border-color:rgb(250, 165, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 165, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 165, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 165, 221);  
box-shadow:4px 4px 4px 4px rgb(250, 165,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 196.7990, 11.9311, 46.6573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 165, 221) }
```

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

```
.background{ background-color: rgb(250,  
165, 221) }
```

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