

Converting Colors

YUV(196.2160, 16.1625,
42.7836)

Have a look what the booklet for
YUV(196.2160, 16.1625, 42.7836)
contains.

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Color

**YUV(196.2160, 16.1625,
42.7836)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A5E5
RGB	245, 165, 229
RGB Percent	96%, 65%, 90%
CMY	0.0392, 0.3529, 0.1020
CMYK	0.00, 0.33, 0.07, 0.04
HSL	312°, 80%, 80%
HSV	312°, 33%, 96%
XYZ	65.2542, 51.9799, 80.7226
YIQ	196.2160, 27.1360, 36.8640

Conversions

Conversions Part 2

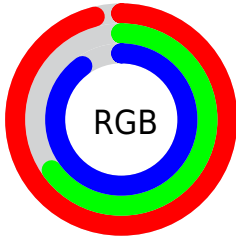
Format	Color
R _Y B	245, 165, 229
Decimal	16098789
CIE Lab	77.27, 39.07, -20.20
CIE LCh	77, 43.984, 332.655
Yxy	51.9799, 0.3296, 0.2626
Android (android.graphics.Color)	4294288869 (0xFFF5A5E5)
YUV	196.2160, 16.1625, 42.7836
Hunter-Lab	72.0971, 35.3883, -15.9154

Details

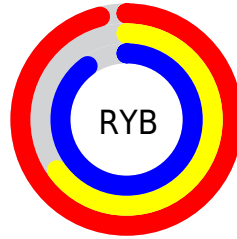
The YUV color **196.2160, 16.1625, 42.7836** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **213.7840, -16.1625, -42.7836**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.0420, 9.8393, 17.5032**, and **141.6780, 15.4417, 40.6244** is the 20% darker color. If you saturate the color by 10%, you get **181.5580, 20.9239, 55.6386**, and if you desaturate by 10%, it is **211.4610, 11.1117, 29.4137**.

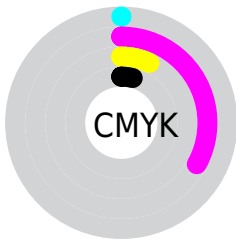
Distribution



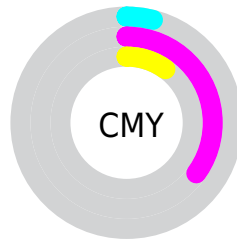
- Red (96%)
- Green (65%)
- Blue (90%)



- Red (96%)
- Yellow (65%)
- Blue (90%)



- Cyan (0%)
- Magenta (33%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.2160, 16.1625, 42.7836 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 196.2160, 16.1625, 42.7836 by changing the saturation by 10% instead.


 196.2160, 16.1625,
42.7836


 196.2160, 16.1625,
42.7836


255.0000, 0.0000,
0.0000


 168.5040, 16.0205,
41.6540


 235.0420, 9.8393,
17.5032


 141.6780, 15.4417,
40.6244

 252.0650, 1.4470,
2.5740

 115.0800, 15.7366,
39.3948

 89.3680, 15.5946,
38.2653

 63.7700, 15.8894,
37.0357

 36.5360, 17.4838,
38.9949

 22.3300, 13.1483,

29.5286

■ 13.3580, 7.2185,
18.1030

■ 0.0000, 0.0000,
0.0000

■ 196.2160, 16.1625,
42.7836

■ 196.2160, 16.1625,
42.7836

■ 181.5580, 20.9239,
55.6386

■ 211.4610, 11.1117,
29.4137

■ 166.3130, 25.9747,
69.0085

■ 226.1190, 6.3503,
16.5586

■ 151.6550, 30.7361,
81.8636

■ 241.3640, 1.2995,
3.1888

■ 136.4100, 35.7869,
95.2334

■ 251.3260, -1.1467,
-5.5479

■ 121.7520, 40.5483,
108.0885

■ 251.8960, 1.0373,
-6.0478

■ 106.6210, 46.0358,
121.3584

■ 252.0100, 1.4741,
-6.1478

■ 95.5990, 49.4977,
131.0247

Harmonies

Analogous

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



193.9430, 30.1011, 5.3120



196.2160, 16.1625, 42.7836



190.5370, -0.7577, 56.5341

Triad

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



196.2160, 16.1625, 42.7836



187.8280, -39.3552, 22.9528



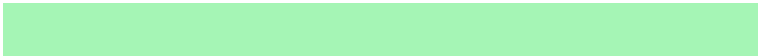
150.4190, 40.7124, -131.9175

Complementary

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



196.2160, 16.1625, 42.7836



213.7840, -16.1625, -42.7836

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.



163.1900, 14.6963, -94.0056



196.2160, 16.1625, 42.7836



182.9100, -30.5216, -10.4451

Square

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



196.2160, 16.1625, 42.7836



190.1440, -35.0740, 49.8627



176.1900, -11.9257, -48.4016



164.0560, 44.8354, -100.9041

Rectangle

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



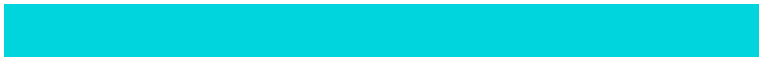
196.2160, 16.1625, 42.7836



188.6330, -13.1301, 58.2039



176.1900, -11.9257, -48.4016



149.6380, 35.1815, -131.2325

Sweetspot

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



196.2160, 16.1625, 42.7836



239.7550, 5.0508, 13.3699



178.9040, 32.5853, 1.8382



118.1520, 2.8831, 8.6367



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.



196.2160, 16.1625, 42.7836



194.6070, 19.9137, 52.9647



191.6560, -1.3094, 46.7827



114.7280, 2.5991, 6.3775



72.6000, 37.6652, 99.4518



22.9990, 11.8325, 31.5729

Inverse Universe

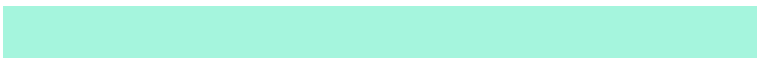
The Inverse Universe completely reimagines the original color for something new.



196.2160, 16.1625, 42.7836



194.6070, 19.9137, 52.9647



218.3440, 1.3094, -46.7827



114.7280, 2.5991, 6.3775



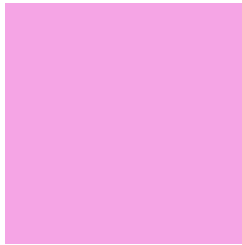
72.6000, 37.6652, 99.4518



22.9990, 11.8325, 31.5729

Previews

White Background



This preview shows how the YUV color 196.2160, 16.1625, 42.7836 looks on a white background.

Color Contrast Check

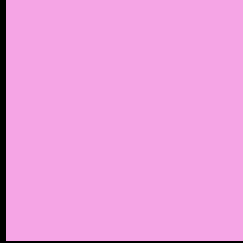
Large Text (above 18pt) WCAG AA × Fail

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 196.2160, 16.1625, 42.7836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

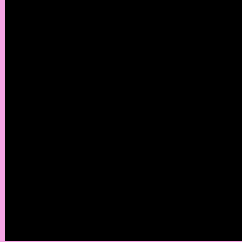
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.2160, 16.1625, 42.7836

Background



This preview shows how black text looks on a background with the YUV color 196.2160, 16.1625, 42.7836.



This preview shows how white text looks on a background with the YUV color 196.2160, 16.1625,

42.7836.

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

196.2160, 16.1625, 42.7836

Protanopia

191.9100, 26.6664, -13.0761

Deuteranopia

193.1260, 15.7139, -0.1105



Tritanopia

194.5150, -4.1979, 39.8903

Trichromacy



Original Color

196.2160, 16.1625, 42.7836



Protanomaly

193.4180, 22.9649, 7.5264



Deuteranomaly

194.2250, 15.6651, 15.5887



Tritanomaly

195.1760, 3.3642, 41.0646

Monochromacy



Original Color

196.2160, 16.1625, 42.7836



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

196.2930, 5.7716, 15.5290

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.2160, 16.1625, 42.7836 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(245, 165, 229)` looks like.

```
.text, #text, p{  
    color:rgb(245, 165, 229)  
}
```

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(245, 165, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 165, 229) }
```

Border

The CSS property to change the border of an element to YUV 196.2160, 16.1625, 42.7836 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(245, 165, 229) }
```


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

```
.border{ border-color:rgb(245, 165, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 165, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 165, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 165, 229);  
box-shadow:4px 4px 4px 4px rgb(245, 165,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 196.2160, 16.1625, 42.7836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 165, 229) }
```

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

```
.background{ background-color: rgb(245,  
165, 229) }
```

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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