

Converting Colors

YUV(188.6980, 21.8409,
41.4839)

Have a look what the booklet for
YUV(188.6980, 21.8409, 41.4839)
contains.

YUV(188.6980, 21.8409, 41.4839)	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(188.6980, 21.8409,
41.4839)**

Conversions

Conversions Part 1

Format	Color
Hex	EC9CE9
RGB	236, 156, 233
RGB Percent	93%, 61%, 91%
CMY	0.0745, 0.3882, 0.0863
CMYK	0.00, 0.34, 0.01, 0.07
HSL	302°, 68%, 77%
HSV	302°, 34%, 93%
XYZ	61.1885, 47.4930, 83.0329
YIQ	188.6980, 22.9630, 40.9070

Conversions

Conversions Part 2

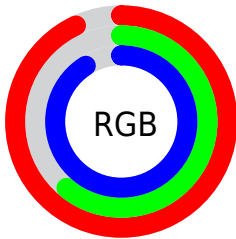
Format	Color
R _Y B	236, 156, 233
Decimal	15506665
CIE Lab	74.50, 41.63, -26.68
CIE LCh	75, 49.445, 327.342
Yxy	47.4930, 0.3192, 0.2477
Android (android.graphics.Color)	4293696745 (0xFFEC9CE9)
YUV	188.6980, 21.8409, 41.4839
Hunter-Lab	68.9152, 37.8854, -23.1953

Details

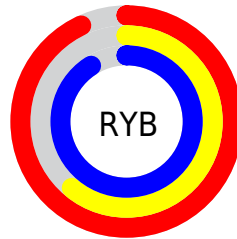
The YUV color **188.6980, 21.8409, 41.4839** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **203.3020, -21.8409, -41.4839**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **134.1600, 21.1201, 39.3247** is the 20% darker color. If you saturate the color by 10%, you get **174.4960, 28.3495, 53.9390**, and if you desaturate by 10%, it is **202.9000, 15.3323, 29.0287**.

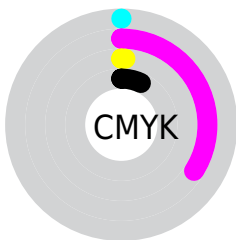
Distribution



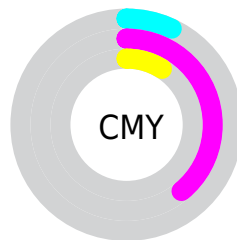
- Red (93%)
- Green (61%)
- Blue (91%)



- Red (93%)
- Yellow (61%)
- Blue (91%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (7%)





- Cyan (7%)
- Magenta (39%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.6980, 21.8409, 41.4839 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 188.6980, 21.8409, 41.4839 by changing the saturation by 10% instead.


 188.6980, 21.8409,
41.4839


 188.6980, 21.8409,
41.4839


255.0000, 0.0000,
0.0000


 160.9860, 21.6989,
40.3543

 229.7590, 12.4438,
22.1364


 134.1600, 21.1201,
39.3247

 246.1950, 4.3409,
7.7220

 107.4480, 20.9781,
38.1951

 81.7360, 20.8362,
37.0655

 55.8500, 21.2729,
36.9656

 30.3770, 21.9991,
37.3804

 20.5790, 15.4906,

24.9252

■ 9.9980, 9.8610,
10.5258

■ 0.0000, 0.0000,
0.0000

■ 188.6980, 21.8409,
41.4839

■ 188.6980, 21.8409,
41.4839

■ 174.4960, 28.3495,
53.9390

■ 202.9000, 15.3323,
29.0287

■ 160.8810, 34.5687,
65.8794

■ 216.5150, 9.1131,
17.0883

■ 146.6790, 41.0773,
78.3345

■ 230.7170, 2.6045,
4.6332

■ 133.0640, 47.2964,
90.2749

■ 244.3320, -3.6147,
-7.3072

■ 118.9760, 54.2418,
102.6300

■ 247.2670, -5.0616,
-9.8812

■ 104.7740, 60.7504,
115.0852

■ 247.3810, -4.6248,
-9.9811

■ 96.4420, 64.3651,
122.3924

■ 247.4950, -4.1880,
-10.0811

■ 247.6090, -3.7512,
-10.1811

■ 247.7230, -3.3144,
-10.2811

Harmonies

Analogous

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



184.7400, 34.6382, -3.2800



188.6980, 21.8409, 41.4839



183.4930, 2.7150, 62.7116

Triad

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



188.6980, 21.8409, 41.4839



179.6180, -44.1817, 31.0300



146.4580, 38.2282, -128.4437

Complementary

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



188.6980, 21.8409, 41.4839



203.3020, -21.8409, -41.4839

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.



141.2140, 18.1355, -123.8447



188.6980, 21.8409, 41.4839



175.2220, -37.0844, -5.4567

Square

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



188.6980, 21.8409, 41.4839



182.7430, -36.8483, 58.9844



167.4090, -17.4566, -47.7167



147.0570, 53.2159, -128.9690

Rectangle

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



188.6980, 21.8409, 41.4839



180.6600, -10.6784, 65.1962



167.4090, -17.4566, -47.7167



145.3350, 31.3868, -127.4588

Sweetspot

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



188.6980, 21.8409, 41.4839



240.2110, 6.7980, 12.9700



166.0170, 34.5016, -6.1539



118.4940, 4.1935, 8.3368



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.



188.6980, 21.8409, 41.4839



192.9090, 28.6389, 54.4538



184.1380, 4.3690, 45.4830



110.5430, 3.1833, 5.6628



73.9550, 49.3222, 93.8785



22.0740, 14.7535, 27.9991

Inverse Universe

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



188.6980, 21.8409, 41.4839



192.9090, 28.6389, 54.4538



207.8620, -4.3690, -45.4830



110.5430, 3.1833, 5.6628



73.9550, 49.3222, 93.8785



22.0740, 14.7535, 27.9991

Previews

White Background



This preview shows how the YUV color 188.6980, 21.8409, 41.4839 looks on a white background.

Color Contrast Check

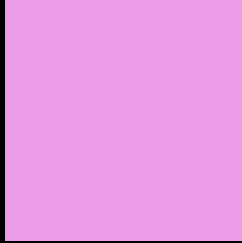
Large Text (above 18pt) WCAG AA × Fail

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 188.6980, 21.8409, 41.4839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

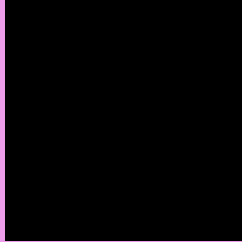
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.6980, 21.8409, 41.4839

Background



This preview shows how black text looks on a background with the YUV color 188.6980, 21.8409, 41.4839.



This preview shows how white text looks on a background with the YUV color 188.6980, 21.8409,

41.4839.

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

188.6980, 21.8409, 41.4839

Protanopia

183.7120, 33.6660, -18.1644

Deuteranopia

184.9880, 21.6979, -6.1285



Tritanopia

186.9060, -3.8977, 36.9164

Trichromacy



Original Color

188.6980, 21.8409, 41.4839



Protanomaly

185.7040, 29.2329, 3.7676



Deuteranomaly

186.0980, 21.6437, 11.3151



Tritanomaly

187.7350, 5.5536, 38.8204

Monochromacy



Original Color

188.6980, 21.8409, 41.4839



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.8630, 7.9555, 15.0291

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.6980, 21.8409, 41.4839 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(236, 156, 233)` looks like.

```
.text, #text, p{  
    color:rgb(236, 156, 233)  
}
```

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(236, 156, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 156, 233) }
```

Border

The CSS property to change the border of an element to YUV 188.6980, 21.8409, 41.4839 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(236, 156, 233) }
```


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

```
.border{ border-color:rgb(236, 156, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 156, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 156, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 156, 233);  
box-shadow:4px 4px 4px 4px rgb(236, 156,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 188.6980, 21.8409, 41.4839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 156, 233) }
```

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

```
.background{ background-color: rgb(236,  
156, 233) }
```

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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