

Converting Colors

YUV(189.7250, 4.0796, 44.9682)

Have a look what the booklet for
YUV(189.7250, 4.0796, 44.9682)
contains.

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Color

**YUV(189.7250, 4.0796,
44.9682)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A2C6
RGB	241, 162, 198
RGB Percent	95%, 64%, 78%
CMY	0.0549, 0.3647, 0.2235
CMYK	0.00, 0.33, 0.18, 0.05
HSL	333°, 74%, 79%
HSV	333°, 33%, 95%
XYZ	59.3890, 48.6187, 59.6803
YIQ	189.7250, 35.5280, 27.9440

Conversions

Conversions Part 2

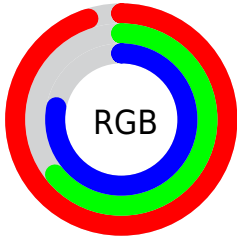
Format	Color
R _Y B	241, 162, 198
Decimal	15835846
CIE Lab	75.21, 34.30, -6.41
CIE LCh	75, 34.890, 349.410
Yxy	48.6187, 0.3542, 0.2899
Android (android.graphics.Color)	4294025926 (0xFFFF1A2C6)
YUV	189.7250, 4.0796, 44.9682
Hunter-Lab	69.7271, 30.0123, -1.9381

Details

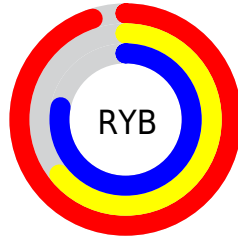
The YUV color **189.7250, 4.0796, 44.9682** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **213.2750, -4.0796, -44.9682**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.2810, 10.7075, 19.0476**, and **135.4150, 4.2324, 42.6090** is the 20% darker color. If you saturate the color by 10%, you get **174.1550, 5.3466, 58.6231**, and if you desaturate by 10%, it is **205.2950, 2.8126, 31.3133**.

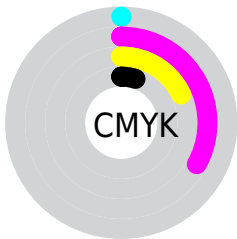
Distribution



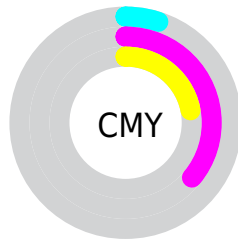
- Red (95%)
- Green (64%)
- Blue (78%)



- Red (95%)
- Yellow (64%)
- Blue (78%)



- Cyan (0%)
- Magenta (33%)
- Yellow (18%)
- Black (5%)



- Cyan (5%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.7250, 4.0796, 44.9682 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 189.7250, 4.0796, 44.9682 by changing the saturation by 10% instead.

 189.7250, 4.0796,
44.9682


 189.7250, 4.0796,
44.9682


255.0000, 0.0000,
0.0000


 162.1270, 4.3744,
43.7386

 233.2810, 10.7075,
19.0476


 135.4150, 4.2324,
42.6090

 249.7170, 2.6045,
4.6332

 109.5180, 4.6746,
40.7647

 83.9200, 4.9694,
39.5352

 59.0230, 5.4117,
37.6908

 33.1910, 7.3008,
38.4205

 18.6260, 4.1284,

29.2690

■ 8.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,
0.0000

■ 189.7250, 4.0796,
44.9682

■ 189.7250, 4.0796,
44.9682

■ 174.1550, 5.3466,
58.6231

■ 205.2950, 2.8126,
31.3133

■ 158.5850, 6.6136,
72.2780

■ 220.8650, 1.5456,
17.6584

■ 143.0150, 7.8806,
85.9328

■ 236.4350, 0.2785,
4.0035

■ 127.4450, 9.1476,
99.5877

■ 250.2440, -0.1203,
-8.1070

■ 111.7610, 9.9778,
113.3426

■ 250.8140, 2.0637,
-8.6069

■ 95.6040, 11.5342,
127.5123

■ 84.5990, 12.5227,
137.1637

Harmonies

Analogous

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



189.9530, 18.2642, 21.9662



189.7250, 4.0796, 44.9682



188.3550, -11.5140, 53.1857

Triad

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



189.7250, 4.0796, 44.9682



181.2800, -28.2390, 4.1394



167.8930, 32.0978, -75.3282

Complementary

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



189.7250, 4.0796, 44.9682



213.2750, -4.0796, -44.9682

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.



166.1520, 19.1521, -76.4323



189.7250, 4.0796, 44.9682



176.9650, -17.2377, -24.5253

Square

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



189.7250, 4.0796, 44.9682



184.1630, -30.6464, 29.6750



171.3710, 0.3101, -52.9454



178.0520, 34.4844, -47.4036

Rectangle

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



189.7250, 4.0796, 44.9682



187.3410, -20.3811, 50.5669



171.3710, 0.3101, -52.9454



166.0620, 29.0564, -79.8614

Sweetspot

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



189.7250, 4.0796, 44.9682



238.7290, 1.1196, 14.2697



183.5640, 28.3159, 17.9224



117.5820, 0.6991, 9.1366



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.



189.7250, 4.0796, 44.9682



190.7310, 5.0626, 56.3639



187.3820, -12.5133, 47.0230



112.1580, 0.4151, 6.8774



64.5920, 9.5681, 104.7208



19.7080, 3.1020, 31.8281

Inverse Universe

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



189.7250, 4.0796, 44.9682



190.7310, 5.0626, 56.3639



215.6180, 12.5133, -47.0230



112.1580, 0.4151, 6.8774



64.5920, 9.5681, 104.7208



19.7080, 3.1020, 31.8281

Previews

White Background



This preview shows how the YUV color 189.7250, 4.0796, 44.9682 looks on a white background.

Color Contrast Check

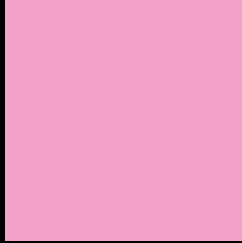
Large Text (above 18pt) WCAG AA × Fail

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 189.7250, 4.0796, 44.9682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

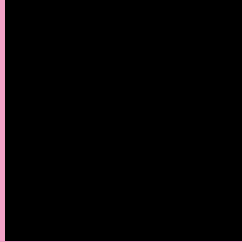
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.7250, 4.0796, 44.9682

Background



This preview shows how black text looks on a background with the YUV color 189.7250, 4.0796, 44.9682.



This preview shows how white text looks on a background with the YUV color 189.7250, 4.0796,

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

189.7250, 4.0796, 44.9682

Protanopia

186.2950, 12.6726, -4.6437

Deuteranopia

187.3910, 3.7512, 10.1811



Tritanopia

188.6080, -5.2297, 44.1938

Trichromacy



Original Color

189.7250, 4.0796, 44.9682



Protanomaly

187.6070, 9.5607, 13.4997



Deuteranomaly

187.8810, 4.0027, 22.9064



Tritanomaly

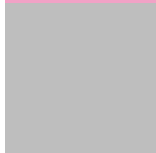
189.1180, -2.0302, 44.6235

Monochromacy



Original Color

189.7250, 4.0796, 44.9682



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

190.1530, 1.4036, 16.5288

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.7250, 4.0796, 44.9682 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(241, 162, 198)` looks like.

```
.text, #text, p{  
    color:rgb(241, 162, 198)  
}
```

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(241, 162, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 162, 198) }
```

Border

The CSS property to change the border of an element to YUV 189.7250, 4.0796, 44.9682 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(241, 162, 198) }
```


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

```
.border{ border-color:rgb(241, 162, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 162, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 162, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 162, 198);  
box-shadow:4px 4px 4px 4px rgb(241, 162,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 189.7250, 4.0796, 44.9682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 162, 198) }
```

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

```
.background{ background-color: rgb(241,  
162, 198) }
```

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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