

Converting Colors

YUV(199.0280, 7.8742, 41.1944)

Have a look what the booklet for
YUV(199.0280, 7.8742, 41.1944)
contains.

YUV(199.0280, 7.8742, 41.1944)	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(199.0280, 7.8742,
41.1944)**

Conversions

Conversions Part 1	
Format	Color
Hex	F6ACD7
RGB	246, 172, 215
RGB Percent	96%, 67%, 84%
CMY	0.0353, 0.3255, 0.1569
CMYK	0.00, 0.30, 0.13, 0.04
HSL	325°, 80%, 82%
HSV	325°, 30%, 96%
XYZ	65.0243, 54.0042, 71.2867
YIQ	199.0280, 30.3010, 29.0610

Conversions

Conversions Part 2

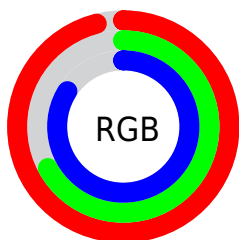
Format	Color
RYB	246, 172, 215
Decimal	16166103
CIELab	78.46, 33.40, -10.80
CIELCh	78, 35.099, 342.086
Yxy	54.0042, 0.3417, 0.2838
Android (android.graphics.Color)	4294356183 (0xFF6ACD7)
YUV	199.0280, 7.8742, 41.1944
Hunter-Lab	73.4875, 29.3398, -6.0731

Details

The YUV color **199.0280, 7.8742, 41.1944** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **218.9720, -7.8742, -41.1944**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1510, 7.8136, 13.8996**, and **144.6040, 7.5902, 38.9353** is the 20% darker color. If you saturate the color by 10%, you get **183.2130, 10.7410, 55.0642**, and if you desaturate by 10%, it is **214.8430, 5.0074, 27.3247**.

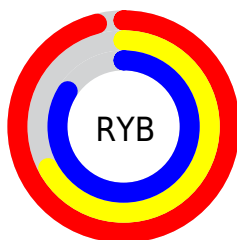
Distribution



Red (96%)

Green (67%)

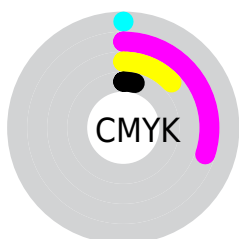
Blue (84%)



Red (96%)

Yellow (67%)

Blue (84%)

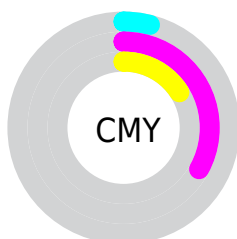


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (4%)



Cyan (4%)


Magenta (33%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.0280, 7.8742, 41.1944 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 199.0280, 7.8742, 41.1944 by changing the saturation by 10% instead.

 199.0280, 7.8742,
41.1944

 199.0280, 7.8742,
41.1944


255.0000, 0.0000,
0.0000

 171.3160, 7.7322,
40.0649


 239.1510, 7.8136,
13.8996

 144.6040, 7.5902,
38.9353

 118.0060, 7.8850,
37.7057


 92.4080, 8.1799,
36.4762


 67.6960, 8.0379,
35.3466


 43.2120, 8.7695,
34.0171


 21.4890, 8.6329,


31.1431


 13.2290, 2.8451,
20.8472


 0.0000, 0.0000,
0.0000


 199.0280, 7.8742,
41.1944


 199.0280, 7.8742,
41.1944


 183.2130, 10.7410,
55.0642


 214.8430, 5.0074,
27.3247


 167.8710, 12.8816,
68.5191

 230.1850, 2.8668,
13.8698

 152.0560, 15.7484,
82.3889

 246.0000, 0.0000,
0.0000

 136.8280, 18.3258,
95.7438

 252.3090, 1.3267,
-5.5330

■ 120.8990, 20.7558,
109.7136

■ 105.0840, 23.6226,
123.5833

■ 89.8560, 26.2000,
136.9383

Harmonies

Analogous

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



198.2340, 22.0696, 14.7038



199.0280, 7.8742, 41.1944



196.7830, -7.2880, 51.0563

Triad

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



199.0280, 7.8742, 41.1944



190.8680, -30.0079, 11.5168



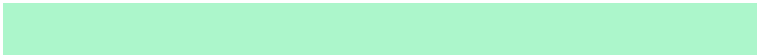
176.3010, 29.9246, -78.3170

Complementary

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



199.0280, 7.8742, 41.1944



218.9720, -7.8742, -41.1944

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.



176.1480, 15.2100, -72.0438



199.0280, 7.8742, 41.1944



186.7980, -20.6064, -17.3628

Square

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



199.0280, 7.8742, 41.1944



193.7230, -29.9364, 35.3229



182.1500, -4.5110, -46.6126



184.4100, 34.8009, -55.6106

Rectangle

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



199.0280, 7.8742, 41.1944



196.1500, -17.3289, 51.6115



182.1500, -4.5110, -46.6126



174.9650, 26.1463, -79.7763

Sweetspot

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



199.0280, 7.8742, 41.1944



240.3590, 2.2880, 12.8402



189.7050, 27.7534, 11.6597



118.5110, 1.7201, 8.3219



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.



199.0280, 7.8742, 41.1944



196.6640, 10.0256, 51.1607



194.8100, -8.2873, 44.8936



114.3860, 1.2887, 6.6775



67.9260, 19.7565, 103.5509



21.5170, 6.1541, 32.8726

Inverse Universe

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



199.0280, 7.8742, 41.1944



196.6640, 10.0256, 51.1607



223.1900, 8.2873, -44.8936



114.3860, 1.2887, 6.6775



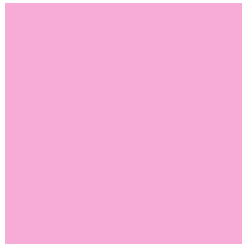
67.9260, 19.7565, 103.5509



21.5170, 6.1541, 32.8726

Previews

White Background



This preview shows how the YUV color 199.0280, 7.8742, 41.1944 looks on a white background.

Color Contrast Check

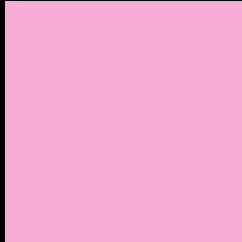
Large Text (above 18pt) WCAG AA × Fail

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 199.0280, 7.8742, 41.1944 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 199.0280, 7.8742, 41.1944

Background



This preview shows how black text looks on a background with the YUV color 199.0280, 7.8742, 41.1944.



This preview shows how white text looks on a background with the YUV color 199.0280, 7.8742,

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

199.0280, 7.8742, 41.1944

Protanopia

195.4950, 16.0250, -6.5731

Deuteranopia

196.4060, 7.6878, 7.5369




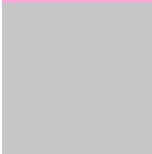

Tritanopia

197.6290, -3.7611, 39.7904

Trichromacy

	Original Color 199.0280, 7.8742, 41.1944
	Protanomaly 196.5080, 13.0606, 10.9555
	Deuteranomaly 197.4830, 7.6499, 19.7474
	Tritanomaly 198.3670, 0.3121, 40.0201

Monochromacy

	Original Color 199.0280, 7.8742, 41.1944
	Achromatopsia 199.0000, 0.0000, 0.0000
	Achromatomaly 198.8970, 3.0088, 14.9993

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.0280, 7.8742, 41.1944 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(246, 172, 215) looks like.

```
.text, #text, p{  
    color:rgb(246, 172, 215)  
}
```

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(246, 172, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 172, 215) }
```

Border

The CSS property to change the border of an element to YUV 199.0280, 7.8742, 41.1944 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(246, 172, 215) }
```


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

```
.border{ border-color:rgb(246, 172, 215) }
```

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

Here you see how a box with a 4 pixel rgb(246, 172, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 172, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 172, 215);  
box-shadow:4px 4px 4px 4px rgb(246, 172,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 199.0280, 7.8742, 41.1944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 172, 215) }
```

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

```
.background{ background-color: rgb(246,  
172, 215) }
```

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