

Converting Colors

YUV(199.3690, 14.1151,
46.1574)

Have a look what the booklet for
YUV(199.3690, 14.1151, 46.1574)
contains.

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Color

**YUV(199.3690, 14.1151,
46.1574)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA7E4
RGB	252, 167, 228
RGB Percent	99%, 65%, 89%
CMY	0.0118, 0.3451, 0.1059
CMYK	0.00, 0.34, 0.10, 0.01
HSL	317°, 93%, 82%
HSV	317°, 34%, 99%
XYZ	67.9672, 53.9343, 80.2269
YIQ	199.3690, 31.0790, 36.9910

Conversions

Conversions Part 2

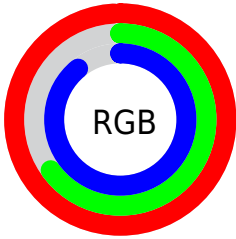
Format	Color
R _Y B	252, 167, 228
Decimal	16558052
CIE Lab	78.42, 40.12, -17.84
CIE LCh	78, 43.910, 336.025
Yxy	53.9343, 0.3363, 0.2668
Android (android.graphics.Color)	4294748132 (0xFFFC A7E4)
YUV	199.3690, 14.1151, 46.1574
Hunter-Lab	73.4400, 36.6781, -13.3613

Details

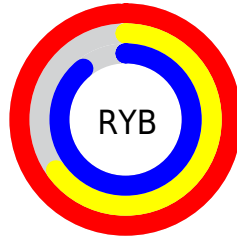
The YUV color $199.3690, 14.1151, 46.1574$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $219.6310, -14.1151, -46.1574$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.2160, 9.2605, 16.4736$, and $144.0590, 14.2679, 43.7983$ is the 20% darker color. If you saturate the color by 10%, you get $183.8960, 18.2923, 59.7272$, and if you desaturate by 10%, it is $214.8420, 9.9379, 32.5876$.

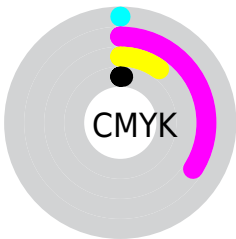
Distribution



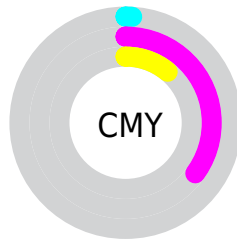
- Red (99%)
- Green (65%)
- Blue (89%)



- Red (99%)
- Yellow (65%)
- Blue (89%)



- Cyan (0%)
- Magenta (34%)
- Yellow (10%)
- Black (1%)





- Cyan (1%)
- Magenta (35%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.3690, 14.1151, 46.1574 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 199.3690, 14.1151, 46.1574 by changing the saturation by 10% instead.


 199.3690, 14.1151,
46.1574

 199.3690, 14.1151,
46.1574


255.0000, 0.0000,
0.0000


 171.6570, 13.9731,
45.0278


 236.2160, 9.2605,
16.4736


 144.0590, 14.2679,
43.7983

 253.2390, 0.8682,
1.5444

 117.9340, 13.8365,
42.1539

 91.6350, 13.9839,
41.5391

 66.0370, 14.2788,
40.3096

 37.9170, 16.3099,
42.1688

 23.8250, 12.4113,

32.6025

■ 15.1520, 6.3341,
21.7917

■ 0.0000, 0.0000,
0.0000

■ 199.3690, 14.1151,
46.1574

■ 199.3690, 14.1151,
46.1574

■ 183.8960, 18.2923,
59.7272

■ 214.8420, 9.9379,
32.5876

■ 168.4230, 22.4695,
73.2970

■ 230.3150, 5.7607,
19.0177

■ 152.3630, 26.9360,
87.3816

■ 246.3750, 1.2941,
4.9331

■ 136.8900, 31.1132,
100.9515

■ 254.1030, 0.4422,
-1.8443

■ 121.3030, 34.8536,
114.6213

■ 105.8300, 39.0308,
128.1911

■ 95.9820, 41.9139,
136.8278

Harmonies

Analogous

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



197.2210, 28.4850, 10.3302



199.3690, 14.1151, 46.1574



192.6570, -2.7889, 54.6748

Triad

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



199.3690, 14.1151, 46.1574



190.0340, -38.4708, 19.2642



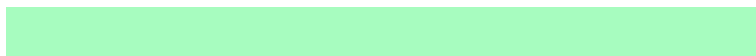
153.0920, 43.3386, -134.2617

Complementary

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



199.3690, 14.1151, 46.1574



219.6310, -14.1151, -46.1574

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.



165.2540, 17.6228, -99.3238



199.3690, 14.1151, 46.1574



185.8170, -29.4898, -14.7485

Square

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



199.3690, 14.1151, 46.1574



193.4920, -36.2316, 47.8035



178.4390, -9.5834, -53.0050



170.6120, 41.6033, -90.8677

Rectangle

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



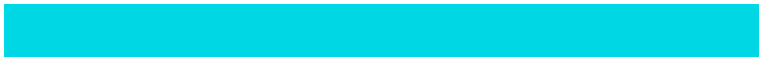
199.3690, 14.1151, 46.1574



190.7530, -15.1612, 56.3446



178.4390, -9.5834, -53.0050



152.1970, 37.3709, -133.4768

Sweetspot

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



199.3690, 14.1151, 46.1574



239.5270, 4.1772, 13.5698



183.5670, 33.7375, 5.6417



118.0380, 2.4463, 8.7367



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.



199.3690, 14.1151, 46.1574



191.8200, 16.8507, 55.4089



194.6950, -3.7936, 50.2565



116.9130, 2.0149, 7.0923



71.9010, 31.1078, 102.6958



23.2550, 10.2273, 33.1024

Inverse Universe

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



199.3690, 14.1151, 46.1574



191.8200, 16.8507, 55.4089



224.3050, 3.7936, -50.2565



116.9130, 2.0149, 7.0923



71.9010, 31.1078, 102.6958



23.2550, 10.2273, 33.1024

Previews

White Background



This preview shows how the YUV color 199.3690, 14.1151, 46.1574 looks on a white background.

Color Contrast Check

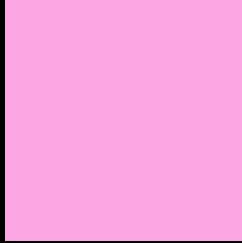
Large Text (above 18pt) WCAG AA × Fail

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 199.3690, 14.1151, 46.1574 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 199.3690, 14.1151, 46.1574 Background



This preview shows how black text looks on a background with the YUV color 199.3690, 14.1151, 46.1574.



This preview shows how white text looks on a background with the YUV color 199.3690, 14.1151,

46.1574.

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

199.3690, 14.1151, 46.1574

Protanopia

194.7530, 24.7718, -12.0614

Deuteranopia

196.5670, 13.5245, 2.1337



Tritanopia

198.0100, -4.9349, 42.9642

Trichromacy



Original Color

199.3690, 14.1151, 46.1574



Protanomaly

196.5600, 20.9229, 9.1559



Deuteranomaly

197.6660, 13.4757, 17.8329



Tritanomaly

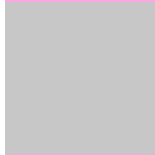
198.5570, 2.1904, 44.2385

Monochromacy



Original Color

199.3690, 14.1151, 46.1574



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.8910, 5.4767, 16.7586

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.3690, 14.1151, 46.1574 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(252, 167, 228)` looks like.

```
.text, #text, p{  
    color:rgb(252, 167, 228)  
}
```

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(252, 167, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 167, 228) }
```

Border

The CSS property to change the border of an element to YUV 199.3690, 14.1151, 46.1574 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(252, 167, 228) }
```


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

```
.border{ border-color:rgb(252, 167, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 167, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 167, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 167, 228);  
box-shadow:4px 4px 4px 4px rgb(252, 167,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 199.3690, 14.1151, 46.1574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 167, 228) }
```

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

```
.background{ background-color: rgb(252,  
167, 228) }
```

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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