

Converting Colors

YUV(206.9040, 2.5123, 34.2872)

Have a look what the booklet for
YUV(206.9040, 2.5123, 34.2872)
contains.

YUV(206.9040, 2.5123, 34.2872)	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(206.9040, 2.5123,
34.2872)**

Conversions

Conversions Part 1

Format	Color
Hex	F6BAD4
RGB	246, 186, 212
RGB Percent	96%, 73%, 83%
CMY	0.0353, 0.2706, 0.1686
CMYK	0.00, 0.24, 0.14, 0.04
HSL	334°, 77%, 85%
HSV	334°, 24%, 96%
XYZ	67.4486, 59.4641, 70.2101
YIQ	206.9040, 27.4140, 20.8060

Conversions

Conversions Part 2

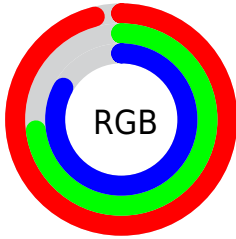
Format	Color
R _Y B	246, 186, 212
Decimal	16169684
CIE Lab	81.55, 25.52, -4.60
CIE LCh	82, 25.934, 349.775
Yxy	59.4641, 0.3422, 0.3017
Android (android.graphics.Color)	4294359764 (0xFFF6BAD4)
YUV	206.9040, 2.5123, 34.2872
Hunter-Lab	77.1130, 21.1814, -0.0035

Details

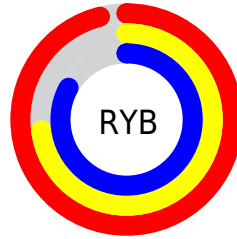
The YUV color $206.9040, 2.5123, 34.2872$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $225.0960, -2.5123, -34.2872$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.3690, 3.7621, 6.6924$, and $151.8930, 2.5178, 32.5428$ is the 20% darker color. If you saturate the color by 10%, you get $190.6330, 3.6319, 48.5569$, and if you desaturate by 10%, it is $223.1750, 1.3927, 20.0175$.

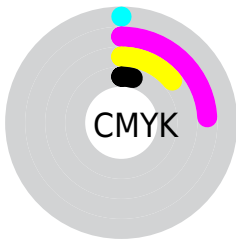
Distribution



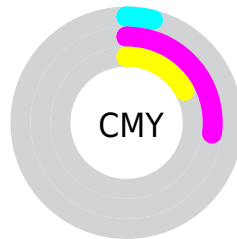
- Red (96%)
- Green (73%)
- Blue (83%)



- Red (96%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 206.9040, 2.5123, 34.2872 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 206.9040, 2.5123, 34.2872 by changing the saturation by 10% instead.


 206.9040, 2.5123,
34.2872


 206.9040, 2.5123,
34.2872


255.0000, 0.0000,
0.0000


 179.1920, 2.3703,
33.1576

 247.3690, 3.7621,
6.6924


 151.8930, 2.5178,
32.5428

 125.8820, 2.5232,
30.7985

 100.5830, 2.6706,
30.1837

 75.9850, 2.9654,
28.9542

 52.0880, 3.4076,
27.1098

 28.9030, 3.9918,

26.3951

■ 13.5990, 1.6767,
22.2767

■ 0.0000, 0.0000,
0.0000

■ 206.9040, 2.5123,
34.2872

■ 206.9040, 2.5123,
34.2872

■ 190.6330, 3.6319,
48.5569

■ 223.1750, 1.3927,
20.0175

■ 174.9490, 4.4621,
62.3117

■ 238.8590, 0.5625,
6.2627

■ 158.6780, 5.5817,
76.5814

■ 252.1950, 0.8899,
-5.4330

■ 142.9940, 6.4120,
90.3363

■ 252.3090, 1.3267,
-5.5330

■ 126.7230, 7.5316,
104.6059

■ 110.4520, 8.6512,
118.8756

■ 94.7680, 9.4814,
132.6305

■ 85.7520, 10.4753,
140.5375

Harmonies

Analogous

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



206.3670, 13.6231, 17.2181



206.9040, 2.5123, 34.2872



206.1470, -9.4395, 41.0901

Triad

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



206.9040, 2.5123, 34.2872



199.8160, -21.1083, 3.6694



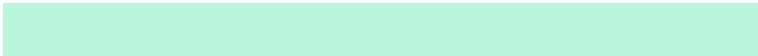
193.8380, 22.2649, -48.0929

Complementary

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



206.9040, 2.5123, 34.2872



225.0960, -2.5123, -34.2872

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.



192.0090, 12.8136, -49.9969



206.9040, 2.5123, 34.2872



196.5620, -12.6021, -18.0329

Square

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



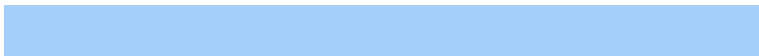
206.9040, 2.5123, 34.2872



202.3670, -23.3519, 23.3571



193.6440, -0.3175, -38.2758



198.7460, 25.2682, -31.3492

Rectangle

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



206.9040, 2.5123, 34.2872



204.8280, -15.6912, 39.6158



193.6440, -0.3175, -38.2758



193.1320, 19.6549, -50.9818

Sweetspot

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



206.9040, 2.5123, 34.2872



243.2940, 0.8411, 10.2662



203.0060, 21.1960, 14.9037



120.8590, 0.5625, 6.2627



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.



206.9040, 2.5123, 34.2872



206.7740, 3.0694, 42.2942



206.2880, -10.0020, 34.8274



114.1580, 0.4151, 6.8774



64.8480, 7.9629, 106.2503



20.4910, 2.2229, 33.7724

Inverse Universe

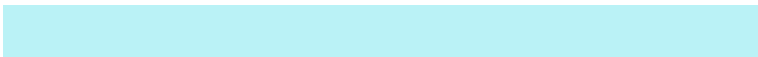
The Inverse Universe completely reimagines the original color for something new.



206.9040, 2.5123, 34.2872



206.7740, 3.0694, 42.2942



225.7120, 10.0020, -34.8274



114.1580, 0.4151, 6.8774



64.8480, 7.9629, 106.2503



20.4910, 2.2229, 33.7724

Previews

White Background



This preview shows how the YUV color 206.9040, 2.5123, 34.2872 looks on a white background.

Color Contrast Check

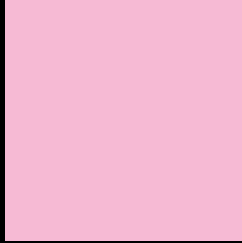
Large Text (above 18pt) WCAG AA × Fail

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 206.9040, 2.5123, 34.2872 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 206.9040, 2.5123, 34.2872

Background



This preview shows how black text looks on a background with the YUV color 206.9040, 2.5123, 34.2872.



This preview shows how white text looks on a background with the YUV color 206.9040, 2.5123,

34.2872.

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

206.9040, 2.5123, 34.2872

Protanopia

203.9810, 8.8834, -2.6143

Deuteranopia

205.0600, 2.4354, 12.2254



Tritanopia

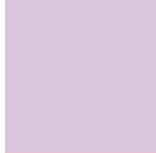
206.6390, -2.2870, 33.6426

Trichromacy



Original Color

206.9040, 2.5123, 34.2872



Protanomaly

204.7870, 6.5140, 10.7108



Deuteranomaly

205.8160, 2.5557, 20.3324



Tritanomaly

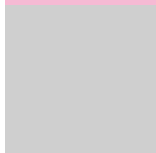
206.5080, -0.2504, 33.7575

Monochromacy



Original Color

206.9040, 2.5123, 34.2872



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

206.7180, 1.1250, 12.5253

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.9040, 2.5123, 34.2872 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, 186, 212)` looks like.

```
.text, #text, p{  
    color:rgb(246, 186, 212)  
}
```

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, 186, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 186, 212) }
```

Border

The CSS property to change the border of an element to YUV 206.9040, 2.5123, 34.2872 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, 186, 212) }
```


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

```
.border{ border-color:rgb(246, 186, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 186, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 186, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 186, 212);  
box-shadow:4px 4px 4px 4px rgb(246, 186,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 206.9040, 2.5123, 34.2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 186, 212) }
```

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

```
.background{ background-color: rgb(246,  
186, 212) }
```

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