

Converting Colors

YUV(207.5850, 16.4736,
36.3210)

Have a look what the booklet for
YUV(207.5850, 16.4736, 36.3210)
contains.

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Color

**YUV(207.5850, 16.4736,
36.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B4F1
RGB	249, 180, 241
RGB Percent	98%, 71%, 95%
CMY	0.0235, 0.2941, 0.0549
CMYK	0.00, 0.28, 0.03, 0.02
HSL	307°, 85%, 84%
HSV	307°, 28%, 98%
XYZ	71.2654, 59.1331, 90.8768
YIQ	207.5850, 21.5430, 33.5990

Conversions

Conversions Part 2

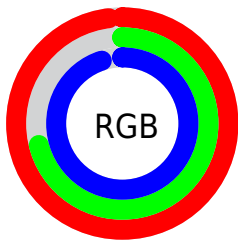
Format	Color
R _Y B	249, 180, 241
Decimal	16364785
CIE Lab	81.36, 34.56, -20.43
CIE LCh	81, 40.151, 329.407
Yxy	59.1331, 0.3221, 0.2672
Android (android.graphics.Color)	4294554865 (0xFFFF9B4F1)
YUV	207.5850, 16.4736, 36.3210
Hunter-Lab	76.8981, 30.8534, -16.2393

Details

The YUV color $207.5850, 16.4736, 36.3210$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $221.4150, -16.4736, -36.3210$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8470, 5.4984, 9.7812$, and $152.4600, 16.0422, 34.6766$ is the 20% darker color. If you saturate the color by 10%, you get $192.5680, 22.3980, 49.4909$, and if you desaturate by 10%, it is $222.6020, 10.5492, 23.1510$.

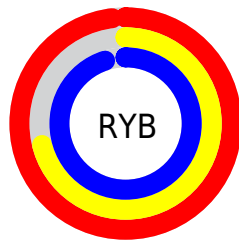
Distribution



Red (98%)

Green (71%)

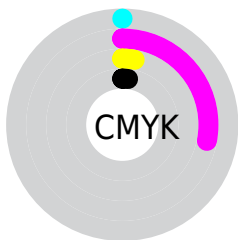
Blue (95%)



Red (98%)

Yellow (71%)

Blue (95%)

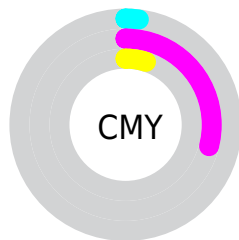


Cyan (0%)

Magenta (28%)

Yellow (3%)

Black (2%)



Cyan (2%)


Magenta (29%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 207.5850, 16.4736, 36.3210 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 207.5850, 16.4736, 36.3210 by changing the saturation by 10% instead.


 207.5850, 16.4736,
36.3210


 207.5850, 16.4736,
36.3210


255.0000, 0.0000,
0.0000


 179.8730, 16.3316,
35.1914


 243.8470, 5.4984,
9.7812

 152.4600, 16.0422,
34.6766

 126.3350, 15.6108,
33.0322

 100.6230, 15.4689,
31.9026

 75.2100, 15.1795,
31.3878

 50.6120, 15.4743,
30.1583

 25.5520, 16.4899,

31.0879

■ 16.1780, 10.2652,
20.8919

■ 2.0690, 5.3890,
-1.8145

■ 207.5850, 16.4736,
36.3210

■ 207.5850, 16.4736,
36.3210

■ 192.5680, 22.3980,
49.4909

■ 222.6020, 10.5492,
23.1510

■ 177.5510, 28.3224,
62.6608

■ 237.6190, 4.6248,
9.9811

■ 162.5340, 34.2467,
75.8307

■ 252.6360, -1.2995,
-3.1888

■ 147.5170, 40.1711,
89.0006

■ 252.9780, 0.0108,
-3.4887

■ 132.6140, 46.5323,
102.0705

■ 253.2060, 0.8844,
-3.6887

■ 118.1840, 52.1673,
114.7256

■ 103.1670, 58.0917,
127.8955

■ 99.5310, 59.3912,
131.0843

Harmonies

Analogous

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



203.9550, 25.1652, 1.7935



207.5850, 16.4736, 36.3210



201.0520, 1.4534, 47.3124

Triad

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



207.5850, 16.4736, 36.3210



200.0500, -36.0137, 24.5121



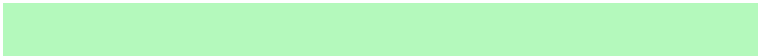
175.6850, 30.7213, -100.5787

Complementary

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



207.5850, 16.4736, 36.3210



221.4150, -16.4736, -36.3210

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.



182.1170, 8.8163, -74.6476



207.5850, 16.4736, 36.3210



195.7580, -29.9537, -5.9268

Square

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



207.5850, 16.4736, 36.3210



201.8600, -30.9900, 46.6038



190.1910, -13.4052, -40.5095



181.8750, 36.0506, -83.2054

Rectangle

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



207.5850, 16.4736, 36.3210



198.7890, -9.7560, 49.2970



190.1910, -13.4052, -40.5095



176.4100, 24.4479, -95.0756

Sweetspot

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



207.5850, 16.4736, 36.3210



243.0320, 4.9142, 10.4959



189.9590, 29.1072, -2.5950



120.1410, 2.8885, 6.8923



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.



207.5850, 16.4736, 36.3210



204.5520, 19.9409, 44.2429



203.8230, 2.0593, 39.6202



117.2550, 3.3253, 6.7924



75.5490, 45.0853, 99.4965



24.3950, 14.5953, 32.1026

Inverse Universe

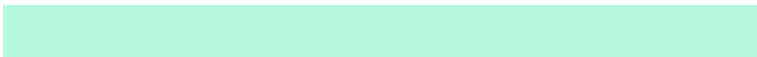
The Inverse Universe completely reimagines the original color for something new.



207.5850, 16.4736, 36.3210



204.5520, 19.9409, 44.2429



225.1770, -2.0593, -39.6202



117.2550, 3.3253, 6.7924



75.5490, 45.0853, 99.4965



24.3950, 14.5953, 32.1026

Previews

White Background



This preview shows how the YUV color 207.5850, 16.4736, 36.3210 looks on a white background.

Color Contrast Check

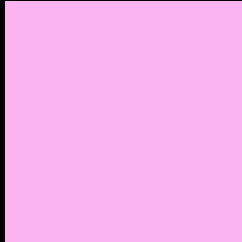
Large Text (above 18pt) WCAG AA × Fail

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 207.5850, 16.4736, 36.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

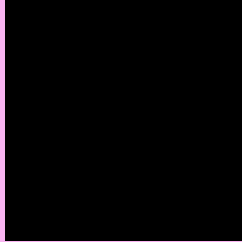
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 207.5850, 16.4736, 36.3210

Background



This preview shows how black text looks on a background with the YUV color 207.5850, 16.4736, 36.3210.



This preview shows how white text looks on a background with the YUV color 207.5850, 16.4736,

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

207.5850, 16.4736, 36.3210

Protanopia

202.9810, 25.6454, -12.2613

Deuteranopia

204.6530, 16.4401, 0.3043



Tritanopia

205.7530, -1.8502, 33.5426

Trichromacy



Original Color

207.5850, 16.4736, 36.3210



Protanomaly

204.8800, 22.2442, 5.3672



Deuteranomaly

205.4420, 16.5441, 13.6444



Tritanomaly

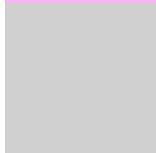
206.1860, 4.8383, 34.9169

Monochromacy



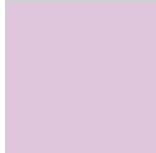
Original Color

207.5850, 16.4736, 36.3210



Achromatopsia

208.0000, 0.0000, 0.0000



Achromatomaly

207.9830, 5.9244, 13.1699

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.5850, 16.4736, 36.3210 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(249, 180, 241)` looks like.

```
.text, #text, p{  
    color:rgb(249, 180, 241)  
}
```

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(249, 180, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 180, 241) }
```

Border

The CSS property to change the border of an element to YUV 207.5850, 16.4736, 36.3210 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(249, 180, 241) }
```


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

```
.border{ border-color:rgb(249, 180, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 180, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 180, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 180, 241);  
box-shadow:4px 4px 4px 4px rgb(249, 180,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 207.5850, 16.4736, 36.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 180, 241) }
```

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

```
.background{ background-color: rgb(249,  
180, 241) }
```

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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