

Converting Colors

YUV(205.7140, 4.0850, 43.2238)

Have a look what the booklet for
YUV(205.7140, 4.0850, 43.2238)
contains.

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Color

**YUV(205.7140, 4.0850,
43.2238)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3D6
RGB	255, 179, 214
RGB Percent	100%, 70%, 84%
CMY	0.0000, 0.2980, 0.1608
CMYK	0.00, 0.30, 0.16, 0.00
HSL	332°, 100%, 85%
HSV	332°, 30%, 100%
XYZ	69.4977, 58.3552, 71.2191
YIQ	205.7140, 34.0610, 26.9970

Conversions

Conversions Part 2

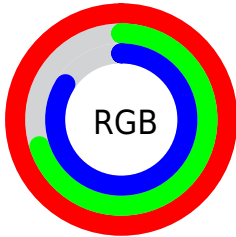
Format	Color
R _Y B	255, 179, 214
Decimal	16757718
CIE Lab	80.94, 32.62, -6.48
CIE LCh	81, 33.261, 348.767
Yxy	58.3552, 0.3491, 0.2931
Android (android.graphics.Color)	4294947798 (0xFFFFB3D6)
YUV	205.7140, 4.0850, 43.2238
Hunter-Lab	76.3906, 28.7100, -1.8027

Details

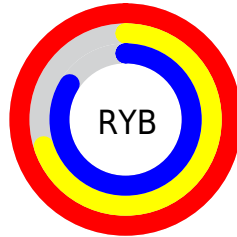
The YUV color **205.7140, 4.0850, 43.2238** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **228.2860, -4.0850, -43.2238**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2600, 5.7878, 10.2960**, and **150.4040, 4.2378, 40.8647** is the 20% darker color. If you saturate the color by 10%, you get **188.8560, 5.4940, 58.0083**, and if you desaturate by 10%, it is **221.9850, 2.9654, 28.9542**.

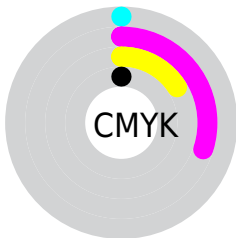
Distribution



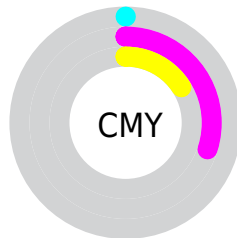
- Red (100%)
- Green (70%)
- Blue (84%)



- Red (100%)
- Yellow (70%)
- Blue (84%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.7140, 4.0850, 43.2238 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 205.7140, 4.0850, 43.2238 by changing the saturation by 10% instead.

 205.7140, 4.0850,
43.2238

 205.7140, 4.0850,
43.2238

255.0000, 0.0000,
0.0000

 178.0020, 3.9430,
42.0942

 243.2600, 5.7878,
10.2960

 150.4040, 4.2378,
40.8647

 124.3930, 4.2433,
39.1203

 98.7950, 4.5381,
37.8908

 73.8980, 4.9803,
36.0465

 48.8270, 6.0013,
35.2317

 23.5820, 7.6011,

35.4466

■ 14.9090, 1.5239,
24.6358

■ 0.0000, 0.0000,
0.0000

■ 205.7140, 4.0850,
43.2238

■ 205.7140, 4.0850,
43.2238

■ 188.8560, 5.4940,
58.0083

■ 221.9850, 2.9654,
28.9542

■ 172.5850, 6.6136,
72.2780

■ 238.8430, 1.5564,
14.1697

■ 155.8410, 8.4594,
86.9624

255.0000, 0.0000,
0.0000

■ 139.5700, 9.5790,
101.2321

■ 122.7120, 10.9880,
116.0166

■ 106.4410, 12.1076,
130.2862

■ 89.6970, 13.9534,
144.9707

■ 89.5830, 13.5166,
145.0707

Harmonies

Analogous

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



205.2410, 18.1222, 20.8366



205.7140, 4.0850, 43.2238



201.4790, -9.6031, 46.9379

Triad

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



205.7140, 4.0850, 43.2238



197.2200, -27.2235, 5.0691



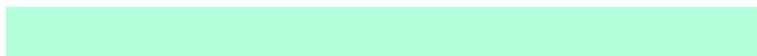
186.6550, 29.7501, -68.9804

Complementary

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



205.7140, 4.0850, 43.2238



228.2860, -4.0850, -43.2238

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.



184.4410, 17.5306, -69.6698



205.7140, 4.0850, 43.2238



193.0900, -16.8064, -22.8809

Square

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



205.7140, 4.0850, 43.2238



200.3910, -29.7728, 29.4751



188.2790, -0.1375, -49.3567



193.6350, 30.2529, -43.5299

Rectangle

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



205.7140, 4.0850, 43.2238



201.6610, -19.0599, 46.7783



188.2790, -0.1375, -49.3567



184.8350, 26.7033, -71.7693

Sweetspot

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



205.7140, 4.0850, 43.2238



240.1310, 1.4144, 13.0401



199.9230, 27.1530, 17.6075



118.2830, 0.8465, 8.5218



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.



205.7140, 4.0850, 43.2238



195.2960, 4.7841, 52.3604



203.4850, -12.0711, 45.1787



119.5710, 0.7045, 7.3922



67.1410, 10.2835, 108.6243



22.4420, 3.2331, 36.4464

Inverse Universe

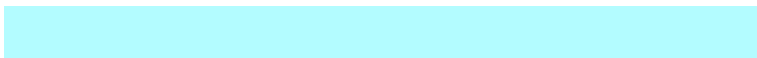
The Inverse Universe completely reimagines the original color for something new.



205.7140, 4.0850, 43.2238



195.2960, 4.7841, 52.3604



230.5150, 12.0711, -45.1787



119.5710, 0.7045, 7.3922



67.1410, 10.2835, 108.6243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 205.7140, 4.0850, 43.2238 looks on a white background.

Color Contrast Check

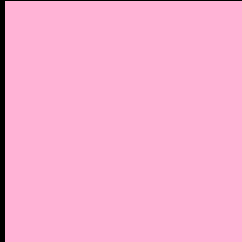
Large Text (above 18pt) WCAG AA × Fail

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 205.7140, 4.0850, 43.2238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

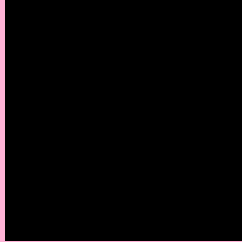
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.7140, 4.0850, 43.2238

Background



This preview shows how black text looks on a background with the YUV color 205.7140, 4.0850, 43.2238.



This preview shows how white text looks on a background with the YUV color 205.7140, 4.0850,

43.2238.

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

205.7140, 4.0850, 43.2238

Protanopia

202.1810, 12.2358, -4.5437

Deuteranopia

203.1030, 3.8932, 11.3107



Tritanopia

204.8250, -4.3507, 42.2495

Trichromacy



Original Color

205.7140, 4.0850, 43.2238



Protanomaly

203.1940, 9.2714, 12.9849



Deuteranomaly

203.8810, 4.0027, 22.9064



Tritanomaly

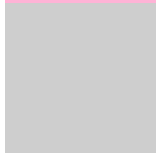
205.3350, -1.1512, 42.6792

Monochromacy



Original Color

205.7140, 4.0850, 43.2238



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

205.8540, 1.5510, 15.9140

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.7140, 4.0850, 43.2238 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(255, 179, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 214)  
}
```

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(255, 179, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 214) }
```

Border

The CSS property to change the border of an element to YUV 205.7140, 4.0850, 43.2238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

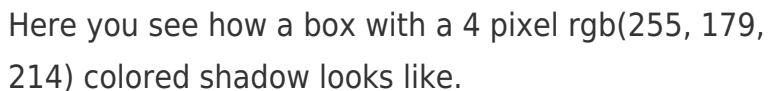
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 179, 214) }
```


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

```
.border{ border-color:rgb(255, 179, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 179, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 205.7140, 4.0850, 43.2238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 214) }
```

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

```
.background{ background-color: rgb(255,  
179, 214) }
```

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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