

Converting Colors

YUV(204.7130, 5.5645, 35.3317)

Have a look what the booklet for
YUV(204.7130, 5.5645, 35.3317)
contains.

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Color

**YUV(204.7130, 5.5645,
35.3317)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B6D8
RGB	245, 182, 216
RGB Percent	96%, 71%, 85%
CMY	0.0392, 0.2863, 0.1529
CMYK	0.00, 0.26, 0.12, 0.04
HSL	328°, 76%, 84%
HSV	328°, 26%, 96%
XYZ	66.7788, 57.8262, 72.6077
YIQ	204.7130, 26.6340, 23.9300

Conversions

Conversions Part 2

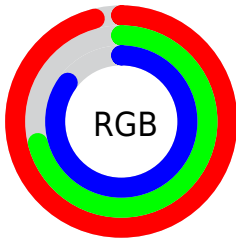
Format	Color
R _Y B	245, 182, 216
Decimal	16103128
CIE Lab	80.64, 27.94, -8.11
CIE LCh	81, 29.090, 343.818
Yxy	57.8262, 0.3386, 0.2932
Android (android.graphics.Color)	4294293208 (0xFFF5B6D8)
YUV	204.7130, 5.5645, 35.3317
Hunter-Lab	76.0436, 23.6762, -3.3806

Details

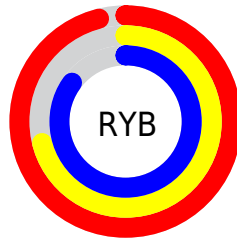
The YUV color **204.7130, 5.5645, 35.3317** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **222.2870, -5.5645, -35.3317**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.0210, 4.9196, 8.7516**, and **150.2890, 5.2805, 33.0725** is the 20% darker color. If you saturate the color by 10%, you get **188.7840, 7.9945, 49.3014**, and if you desaturate by 10%, it is **220.0550, 3.4239, 21.8768**.

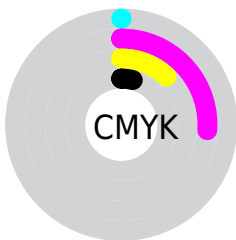
Distribution



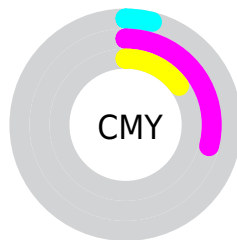
- Red (96%)
- Green (71%)
- Blue (85%)



- Red (96%)
- Yellow (71%)
- Blue (85%)



- Cyan (0%)
- Magenta (26%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 204.7130, 5.5645, 35.3317 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 204.7130, 5.5645, 35.3317 by changing the saturation by 10% instead.


 204.7130, 5.5645,
35.3317


 204.7130, 5.5645,
35.3317


255.0000, 0.0000,
0.0000

 177.0010, 5.4225,
34.2021

 245.0210, 4.9196,
8.7516

 150.2890, 5.2805,
33.0725

 123.6910, 5.5753,
31.8430

 98.3920, 5.7227,
31.2282

 73.6800, 5.5808,
30.0986

 49.7830, 6.0230,
28.2543

 26.0110, 6.8966,

28.0544

■ 13.9410, 2.9871,
21.9767

■ 0.0000, 0.0000,
0.0000

■ 204.7130, 5.5645,
35.3317

■ 204.7130, 5.5645,
35.3317

■ 188.7840, 7.9945,
49.3014

■ 220.0550, 3.4239,
21.8768

■ 173.3280, 9.6983,
62.8563

■ 236.0980, 1.4307,
7.8071

■ 157.3990, 12.1283,
76.8261

■ 251.4400, -0.7099,
-5.6479

■ 142.0570, 14.2689,
90.2810

■ 252.0100, 1.4741,
-6.1478

■ 126.1280, 16.6989,
104.2507

■ 110.6720, 18.4027,
117.8057

■ 94.7430, 20.8327,
131.7754

■ 88.3030, 21.5426,
137.4233

Harmonies

Analogous

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



204.0830, 17.7071, 13.9592



204.7130, 5.5645, 35.3317



203.9240, -7.8505, 44.7937

Triad

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



204.7130, 5.5645, 35.3317



197.2250, -24.7609, 8.5727



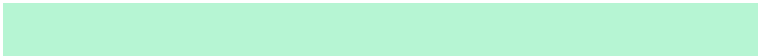
188.5270, 23.8972, -58.3442

Complementary

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



204.7130, 5.5645, 35.3317



222.2870, -5.5645, -35.3317

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.



187.1500, 12.2510, -56.2596



204.7130, 5.5645, 35.3317



194.1340, -16.8281, -15.9035

Square

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



204.7130, 5.5645, 35.3317



199.8300, -25.5522, 29.0901



190.2480, -3.0803, -38.8055



194.1900, 28.5003, -41.3856

Rectangle

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



204.7130, 5.5645, 35.3317



202.8610, -15.7075, 44.8489



190.2480, -3.0803, -38.8055



187.3050, 20.5556, -59.9035

Sweetspot

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



204.7130, 5.5645, 35.3317



242.2340, 1.8566, 11.1958



197.5540, 23.3909, 10.9151



119.6850, 1.1413, 7.2923



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.



204.7130, 5.5645, 35.3317



204.5230, 7.1372, 44.2683



201.1790, -7.9762, 38.4310



114.3860, 1.2887, 6.6775



67.0140, 16.2621, 104.3507



21.2890, 5.2805, 33.0725

Inverse Universe

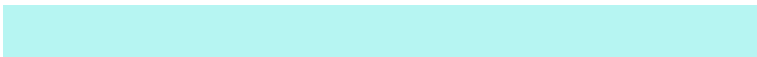
The Inverse Universe completely reimagines the original color for something new.



204.7130, 5.5645, 35.3317



204.5230, 7.1372, 44.2683



225.8210, 7.9762, -38.4310



114.3860, 1.2887, 6.6775



67.0140, 16.2621, 104.3507



21.2890, 5.2805, 33.0725

Previews

White Background



This preview shows how the YUV color 204.7130, 5.5645, 35.3317 looks on a white background.

Color Contrast Check

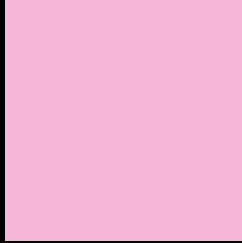
Large Text (above 18pt) WCAG AA × Fail

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 204.7130, 5.5645, 35.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

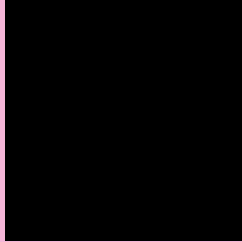
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.7130, 5.5645, 35.3317

Background



This preview shows how black text looks on a background with the YUV color 204.7130, 5.5645, 35.3317.



This preview shows how white text looks on a background with the YUV color 204.7130, 5.5645,

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

204.7130, 5.5645, 35.3317

Protanopia

201.2950, 12.6726, -4.6437

Deuteranopia

202.8470, 5.4984, 9.7812



Tritanopia

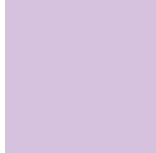
203.9380, -2.4344, 34.2574

Trichromacy



Original Color

204.7130, 5.5645, 35.3317



Protanomaly

202.6990, 10.0084, 9.9110



Deuteranomaly

203.3150, 5.7607, 19.0177



Tritanomaly

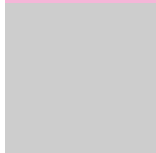
204.3340, 0.3283, 34.7871

Monochromacy



Original Color

204.7130, 5.5645, 35.3317



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

205.2450, 1.8512, 12.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.7130, 5.5645, 35.3317 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(245, 182, 216)` looks like.

```
.text, #text, p{  
    color:rgb(245, 182, 216)  
}
```

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(245, 182, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 182, 216) }
```

Border

The CSS property to change the border of an element to YUV 204.7130, 5.5645, 35.3317 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(245, 182, 216) }
```


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

```
.border{ border-color:rgb(245, 182, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 182, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 182, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 182, 216); box-shadow:4px 4px 4px 4px rgb(245, 182, 216) }
```

Background

The CSS property to change the background color of an element to YUV 204.7130, 5.5645, 35.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 182, 216) }
```

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

```
.background{ background-color: rgb(245,  
182, 216) }
```

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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