

Converting Colors

YUV(205.5770, 5.1385, 31.9430)

Have a look what the booklet for
YUV(205.5770, 5.1385, 31.9430)
contains.

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Color

**YUV(205.5770, 5.1385,
31.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B9D8
RGB	242, 185, 216
RGB Percent	95%, 73%, 85%
CMY	0.0510, 0.2745, 0.1529
CMYK	0.00, 0.24, 0.11, 0.05
HSL	327°, 69%, 84%
HSV	327°, 24%, 95%
XYZ	66.3616, 58.5330, 72.7661
YIQ	205.5770, 24.0210, 21.7250

Conversions

Conversions Part 2

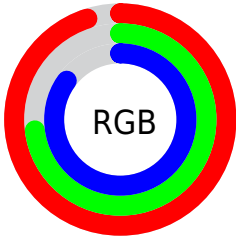
Format	Color
R _Y B	242, 185, 216
Decimal	15907288
CIE Lab	81.03, 25.32, -7.56
CIE LCh	81, 26.424, 343.380
Yxy	58.5330, 0.3357, 0.2961
Android (android.graphics.Color)	4294097368 (0xFFF2B9D8)
YUV	205.5770, 5.1385, 31.9430
Hunter-Lab	76.5069, 20.9427, -2.8362

Details

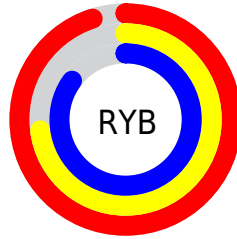
The YUV color **205.5770, 5.1385, 31.9430** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **221.4230, -5.1385, -31.9430**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.7820, 4.0515, 7.2072**, and **150.5660, 5.1440, 30.1986** is the 20% darker color. If you saturate the color by 10%, you get **190.2350, 7.2791, 45.3979**, and if you desaturate by 10%, it is **220.9190, 2.9979, 18.4880**.

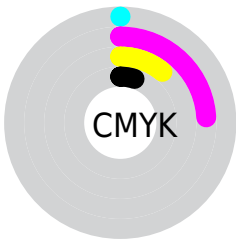
Distribution



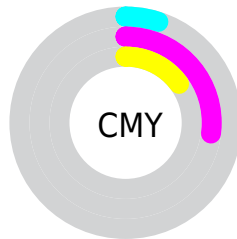
- Red (95%)
- Green (73%)
- Blue (85%)



- Red (95%)
- Yellow (73%)
- Blue (85%)



- Cyan (0%)
- Magenta (24%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.5770, 5.1385, 31.9430 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 205.5770, 5.1385, 31.9430 by changing the saturation by 10% instead.

 205.5770, 5.1385,
31.9430

 205.5770, 5.1385,
31.9430


255.0000, 0.0000,
0.0000

 177.8650, 4.9966,
30.8134

 246.7820, 4.0515,
7.2072

 150.5660, 5.1440,
30.1986

 124.8540, 5.0020,
29.0690

 99.2560, 5.2968,
27.8395

 74.5440, 5.1548,
26.7099

 51.5330, 5.1602,
24.9656

 28.3480, 5.7444,

24.2508

■ 13.3430, 3.2819,
20.7472

■ 0.0000, 0.0000,
0.0000

■ 205.5770, 5.1385,
31.9430

■ 205.5770, 5.1385,
31.9430

■ 190.2350, 7.2791,
45.3979

■ 220.9190, 2.9979,
18.4880

■ 174.8930, 9.4198,
58.8528

■ 236.2610, 0.8573,
5.0331

■ 158.9640, 11.8497,
72.8226

■ 250.4290, -0.7045,
-7.3922

■ 143.6220, 13.9904,
86.2775

■ 251.1130, 1.9163,
-7.9921

■ 128.2800, 16.1310,
99.7324

■ 112.9380, 18.2716,
113.1874

■ 97.5960, 20.4122,
126.6423

■ 87.4060, 21.9848,
135.5789

Harmonies

Analogous

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



204.6160, 15.9653, 12.6148



205.5770, 5.1385, 31.9430



205.1300, -6.9661, 41.1050

Triad

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



205.5770, 5.1385, 31.9430



198.7950, -22.5769, 8.0728



191.4740, 20.9653, -51.2817

Complementary

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



205.5770, 5.1385, 31.9430



221.4230, -5.1385, -31.9430

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.



190.4390, 10.6296, -49.4970



205.5770, 5.1385, 31.9430



195.9000, -15.2337, -13.9443

Square

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



205.5770, 5.1385, 31.9430



201.3890, -23.3628, 26.8458



192.5690, -3.2385, -34.7020



196.4140, 25.4319, -37.1971

Rectangle

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



205.5770, 5.1385, 31.9430



204.1810, -14.3862, 41.0603



192.5690, -3.2385, -34.7020



190.3660, 18.0606, -52.9410

Sweetspot

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



205.5770, 5.1385, 31.9430



243.5220, 1.7147, 10.0662



199.2720, 21.0649, 10.2855



120.9730, 0.9993, 6.1627



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.



205.5770, 5.1385, 31.9430



209.5610, 6.1324, 39.8500



202.3850, -7.0918, 34.7424



112.2720, 0.8519, 6.7775



66.4160, 16.5569, 103.1212



20.2780, 5.2859, 31.3282

Inverse Universe

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



205.5770, 5.1385, 31.9430



209.5610, 6.1324, 39.8500



224.6150, 7.0918, -34.7424



112.2720, 0.8519, 6.7775



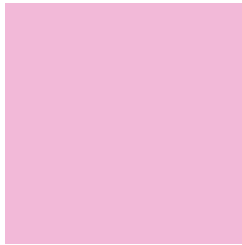
66.4160, 16.5569, 103.1212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 205.5770, 5.1385, 31.9430 looks on a white background.

Color Contrast Check

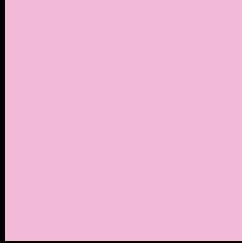
Large Text (above 18pt) WCAG AA × Fail

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 205.5770,
5.1385, 31.9430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

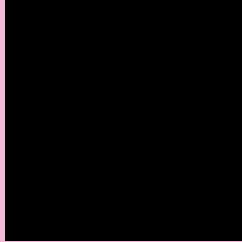
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.5770, 5.1385, 31.9430

Background



This preview shows how black text looks on a background with the YUV color 205.5770, 5.1385, 31.9430.



This preview shows how white text looks on a background with the YUV color 205.5770, 5.1385,

31.9430.

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

205.5770, 5.1385, 31.9430

Protanopia

202.2520, 11.2148, -3.7290

Deuteranopia

203.7330, 5.0616, 9.8812



Tritanopia

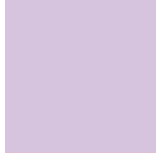
204.5570, -1.2606, 31.0835

Trichromacy



Original Color

205.5770, 5.1385, 31.9430



Protanomaly

203.7590, 8.9928, 8.9814



Deuteranomaly

204.4890, 5.1819, 17.9881



Tritanomaly

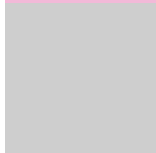
204.8390, 1.0654, 31.7132

Monochromacy



Original Color

205.5770, 5.1385, 31.9430



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

205.6470, 2.1460, 11.7106

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.5770, 5.1385, 31.9430 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(242, 185, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 185, 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(242, 185, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 185, 216) }
```

Border

The CSS property to change the border of an element to YUV 205.5770, 5.1385, 31.9430 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(242, 185, 216) }
```


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

```
.border{ border-color:rgb(242, 185, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 185, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 185, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 185, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 185,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 205.5770, 5.1385, 31.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 185, 216) }
```

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

```
.background{ background-color: rgb(242,  
185, 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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