

# Converting Colors

YUV(206.1760, 20.1262,  
31.4176)

Have a look what the booklet for  
YUV(206.1760, 20.1262, 31.4176)  
contains.

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# Color

**YUV(206.1760, 20.1262,  
31.4176)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2B4F7
RGB	242, 180, 247
RGB Percent	95%, 71%, 97%
CMY	0.0510, 0.2941, 0.0314
CMYK	0.02, 0.27, 0.00, 0.03
HSL	296°, 81%, 84%
HSV	296°, 27%, 97%
XYZ	69.7277, 58.2352, 95.5611
YIQ	206.1760, 15.4450, 33.9810

# Conversions

## Conversions Part 2

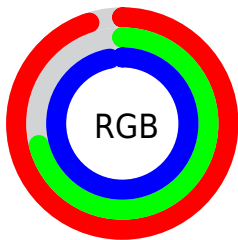
Format	Color
R <sub>Y</sub> B	242, 180, 247
Decimal	15906039
CIE Lab	80.87, 33.41, -24.47
CIE LCh	81, 41.410, 323.778
Yxy	58.2352, 0.3119, 0.2605
Android (android.graphics.Color)	4294096119 (0xFFFF2B4F7)
YUV	206.1760, 20.1262, 31.4176
Hunter-Lab	76.3120, 29.5529, -20.8271

# Details

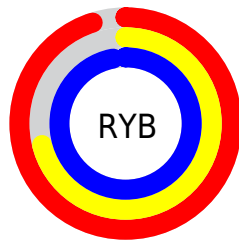
The YUV color **206.1760, 20.1262, 31.4176** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **220.8240, -20.1262, -31.4176**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.8470, 5.4984, 9.7812**, and **151.0510, 19.6949, 29.7733** is the 20% darker color. If you saturate the color by 10%, you get **190.9030, 27.6558, 43.0581**, and if you desaturate by 10%, it is **221.4490, 12.5966, 19.7772**.

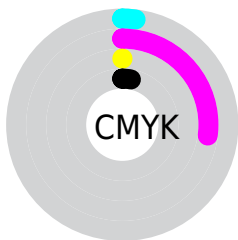
# Distribution



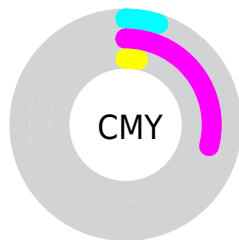
- Red (95%)
- Green (71%)
- Blue (97%)



- Red (95%)
- Yellow (71%)
- Blue (97%)



- Cyan (2%)
- Magenta (27%)
- Yellow (0%)
- Black (3%)




- Cyan (5%)
- Magenta (29%)
- Yellow (3%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 206.1760, 20.1262, 31.4176 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 206.1760, 20.1262, 31.4176 by changing the saturation by 10% instead.




 206.1760, 20.1262,  
31.4176


 206.1760, 20.1262,  
31.4176


255.0000, 0.0000,  
0.0000

 178.3500, 19.5475,  
30.3881


 243.8470, 5.4984,  
9.7812

 151.0510, 19.6949,  
29.7733

 125.1110, 18.6793,  
28.8437

 99.3990, 18.5373,  
27.7141

 74.5730, 17.9585,  
26.6845

 50.2740, 18.1059,  
26.0697

 25.3880, 18.5427,

25.9697

■ 15.4380, 12.6021,  
18.0329

■ 2.7530, 8.0098,  
-2.4144

■ 206.1760, 20.1262,  
31.4176

■ 206.1760, 20.1262,  
31.4176

■ 190.9030, 27.6558,  
43.0581

■ 221.4490, 12.5966,  
19.7772

■ 176.2170, 34.8960,  
54.1837

■ 236.1350, 5.3564,  
8.6516

■ 160.9440, 42.4256,  
65.8241

■ 251.4080, -2.1731,  
-2.9888

■ 145.9700, 49.8078,  
78.0793

■ 252.2940, -2.6099,  
-2.8888

131.2840, 57.0480,  
89.2049

252.8920, -2.9048,  
-1.6593

116.0110, 64.5776,  
100.8454

253.4900, -3.1996,  
-0.4297

100.7380, 72.1072,  
112.4858

254.0880, -3.4944,  
0.7998

96.6290, 74.1329,  
116.0894

# Harmonies

## Analogous

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



200.9540, 26.6447, -6.0987



206.1760, 20.1262, 31.4176



200.5620, 4.6529, 47.7421

# Triad

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



206.1760, 20.1262, 31.4176



199.0400, -37.4877, 30.6599



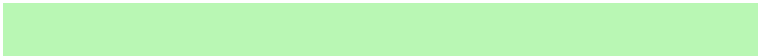
171.0110, 29.5746, -106.1266

# Complementary

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



206.1760, 20.1262, 31.4176



220.8240, -20.1262, -31.4176

# 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.



181.4010, 4.7323, -71.3887



206.1760, 20.1262, 31.4176



195.1070, -32.5908, -0.0938

# Square

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



206.1760, 20.1262, 31.4176



199.0390, -29.1062, 49.0778



189.7850, -17.6420, -34.8914



176.1830, 38.8568, -96.6305



# Rectangle

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



206.1760, 20.1262, 31.4176



197.5980, -6.7038, 50.3416



189.7850, -17.6420, -34.8914



174.6010, 21.3957, -96.1201

# Sweetspot

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



206.1760, 20.1262, 31.4176



242.6620, 6.0826, 9.0664



191.1600, 27.5291, -9.7873



120.0700, 3.9095, 6.0776



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.



206.1760, 20.1262, 31.4176



203.8980, 25.1933, 39.5545



204.4790, 7.1589, 37.2909



114.6570, 3.6201, 5.5628



72.6320, 55.8904, 87.1457



22.8720, 17.8111, 27.2993



# Inverse Universe

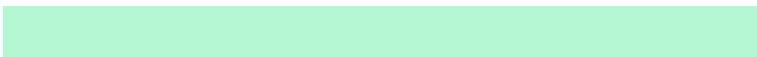
The Inverse Universe completely reimagines the original color for something new.



200.6030, -7.6923, 40.6902



196.8000, -9.7614, 51.0414



222.5210, -7.1589, -37.2909



113.7020, -1.3321, 7.2773



57.2100, -21.3025, 112.9488



18.0970, -6.9498, 35.8719



# Previews

## White Background



This preview shows how the YUV color 206.1760, 20.1262, 31.4176 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

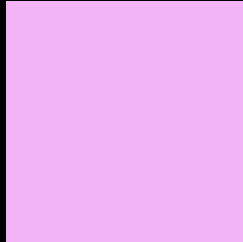
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 206.1760, 20.1262, 31.4176 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

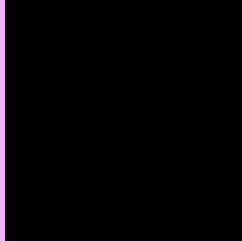
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 206.1760, 20.1262, 31.4176

## Background



This preview shows how black text looks on a background with the YUV color 206.1760, 20.1262, 31.4176.



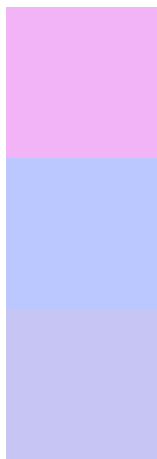
This preview shows how white text looks on a background with the YUV color 206.1760, 20.1262, 31.4176.

31.4176.

# 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

206.1760, 20.1262, 31.4176

### Protanopia

201.7960, 26.2296, -12.9761

### Deuteranopia

202.9560, 20.2347, -3.4694



## Tritanopia

204.0620, -0.5236, 28.0096

# Trichromacy



## Original Color

206.1760, 20.1262, 31.4176



## Protanomaly

203.3250, 23.9968, 3.2230



## Deuteranomaly

204.3320, 20.0493, 9.3558



## Tritanomaly

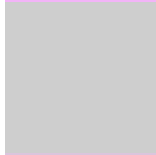
204.7230, 7.0386, 29.1839

# Monochromacy



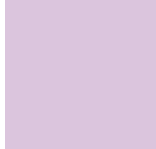
## Original Color

206.1760, 20.1262, 31.4176



## Achromatopsia

206.0000, 0.0000, 0.0000



## Achromatomaly

206.3140, 7.2402, 11.1256

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 206.1760, 20.1262, 31.4176 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, 180, 247)` looks like.

```
.text, #text, p{  
    color:rgb(242, 180, 247)  
}
```

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, 180, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 180, 247) }
```

## Border

The CSS property to change the border of an element to YUV 206.1760, 20.1262, 31.4176 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, 180, 247) }
```



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

```
.border{ border-color:rgb(242, 180, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 180, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 180, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 180, 247);  
box-shadow:4px 4px 4px 4px rgb(242, 180,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 206.1760, 20.1262, 31.4176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 180, 247) }
```

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

```
.background{ background-color: rgb(242,  
180, 247) }
```

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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