

Converting Colors

YUV(201.7430, 16.8887,
43.1984)

Have a look what the booklet for
YUV(201.7430, 16.8887, 43.1984)
contains.

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Color

**YUV(201.7430, 16.8887,
43.1984)**

Conversions

Conversions Part 1

Format	Color
Hex	FBAAEC
RGB	251, 170, 236
RGB Percent	98%, 67%, 93%
CMY	0.0157, 0.3333, 0.0745
CMYK	0.00, 0.32, 0.06, 0.02
HSL	311°, 91%, 83%
HSV	311°, 32%, 98%
XYZ	69.2987, 55.3148, 86.3813
YIQ	201.7430, 27.0900, 37.6980

Conversions

Conversions Part 2

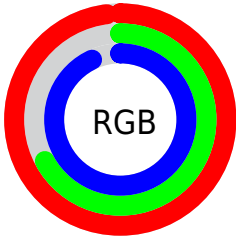
Format	Color
R _{YB}	251, 170, 236
Decimal	16493292
CIE _{Lab}	79.22, 39.58, -20.97
CIE _{LCh}	79, 44.792, 332.084
Yxy	55.3148, 0.3284, 0.2622
Android (android.graphics.Color)	4294683372 (0xFFFBAAEC)
YUV	201.7430, 16.8887, 43.1984
Hunter-Lab	74.3739, 36.1649, -16.8004

Details

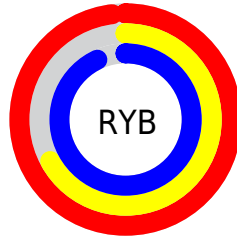
The YUV color $201.7430, 16.8887, 43.1984$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $219.2570, -16.8887, -43.1984$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.9770, 8.3923, 14.9292$, and $146.3190, 16.6047, 40.9392$ is the 20% darker color. If you saturate the color by 10%, you get $186.4980, 21.9395, 56.5683$, and if you desaturate by 10%, it is $216.9880, 11.8379, 29.8285$.

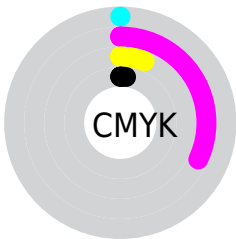
Distribution



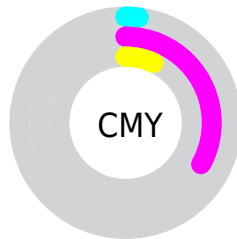
- Red (98%)
- Green (67%)
- Blue (93%)



- Red (98%)
- Yellow (67%)
- Blue (93%)



- Cyan (0%)
- Magenta (32%)
- Yellow (6%)
- Black (2%)




- Cyan (2%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 201.7430, 16.8887, 43.1984 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 201.7430, 16.8887, 43.1984 by changing the saturation by 10% instead.


 201.7430, 16.8887,
43.1984


 201.7430, 16.8887,
43.1984


255.0000, 0.0000,
0.0000


 174.0310, 16.7467,
42.0688


 237.9770, 8.3923,
14.9292

 146.3190, 16.6047,
40.9392

 120.1940, 16.1734,
39.2949

 93.8950, 16.3208,
38.6801

 68.5960, 16.4682,
38.0653

 42.2370, 17.6312,
38.3802

 24.5090, 15.0321,

32.0026

■ 15.8360, 8.9549,
21.1918

■ 0.6840, 2.6208,
-0.5999

■ 201.7430, 16.8887,
43.1984

■ 201.7430, 16.8887,
43.1984

■ 186.4980, 21.9395,
56.5683

■ 216.9880, 11.8379,
29.8285

■ 171.3670, 27.4271,
69.8381

■ 232.1190, 6.3503,
16.5586

■ 156.1220, 32.4779,
83.2080

■ 247.3640, 1.2995,
3.1888

■ 140.8770, 37.5286,
96.5779

■ 253.8040, 0.5896,
-2.4591

■ 125.7460, 43.0162,
109.8478

■ 109.9140, 48.3564,
123.7324

■ 98.4190, 52.5444,
133.8135

Harmonies

Analogous

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



198.0740, 28.0645, 5.1971



201.7430, 16.8887, 43.1984



194.1560, 0.4161, 53.3602

Triad

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



201.7430, 16.8887, 43.1984



193.0130, -39.9394, 23.6676



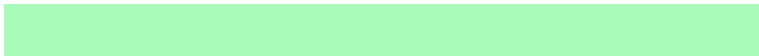
154.6250, 41.5969, -135.6061

Complementary

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



201.7430, 16.8887, 43.1984



219.2570, -16.8887, -43.1984

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.



168.4780, 14.5543, -95.1352



201.7430, 16.8887, 43.1984



188.5680, -31.8320, -10.1451

Square

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



201.7430, 16.8887, 43.1984



195.9270, -35.9530, 51.8070



181.6630, -12.6519, -48.8165



167.8770, 42.9516, -103.3781

Rectangle

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



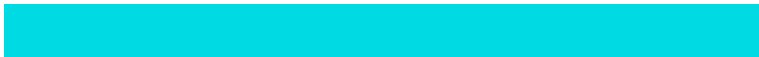
201.7430, 16.8887, 43.1984



192.1380, -12.3930, 55.1300



181.6630, -12.6519, -48.8165



153.7300, 35.6291, -134.8212

Sweetspot

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



201.7430, 16.8887, 43.1984



239.7550, 5.0508, 13.3699



183.7190, 33.1695, 1.1234



118.2660, 3.3199, 8.5367



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.



201.7430, 16.8887, 43.1984



194.8350, 20.7873, 52.7647



197.1830, -0.5832, 47.1975



117.1410, 2.8885, 6.8923



74.0670, 39.4070, 100.7962



23.9390, 12.8481, 32.5025

Inverse Universe

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



201.7430, 16.8887, 43.1984



194.8350, 20.7873, 52.7647



223.8170, 0.5832, -47.1975



117.1410, 2.8885, 6.8923



74.0670, 39.4070, 100.7962



23.9390, 12.8481, 32.5025

Previews

White Background



This preview shows how the YUV color 201.7430, 16.8887, 43.1984 looks on a white background.

Color Contrast Check

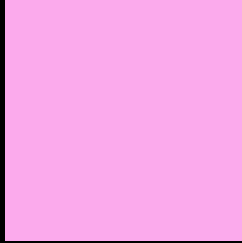
Large Text (above 18pt) WCAG AA × Fail

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 201.7430, 16.8887, 43.1984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

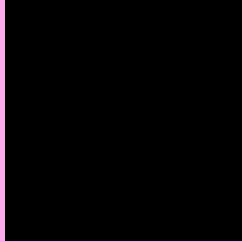
Any Text WCAG AA ✓ Pass

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 201.7430, 16.8887, 43.1984 Background



This preview shows how black text looks on a background with the YUV color 201.7430, 16.8887, 43.1984.



This preview shows how white text looks on a background with the YUV color 201.7430, 16.8887,

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

201.7430, 16.8887, 43.1984

Protanopia

196.8390, 27.6874, -13.8908

Deuteranopia

198.3540, 16.5875, -0.3105



Tritanopia

199.6290, -3.7611, 39.7904

Trichromacy



Original Color

201.7430, 16.8887, 43.1984



Protanomaly

198.3470, 23.9859, 6.7117



Deuteranomaly

199.4530, 16.5387, 15.3887



Tritanomaly

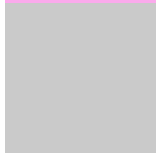
200.2900, 3.8010, 40.9647

Monochromacy



Original Color

201.7430, 16.8887, 43.1984



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

201.7060, 6.0609, 16.0438

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.7430, 16.8887, 43.1984 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(251, 170, 236)` looks like.

```
.text, #text, p{  
    color:rgb(251, 170, 236)  
}
```

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(251, 170, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 170, 236) }
```

Border

The CSS property to change the border of an element to YUV 201.7430, 16.8887, 43.1984 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(251, 170, 236) }
```


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

```
.border{ border-color:rgb(251, 170, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 170, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 170, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 170, 236);  
box-shadow:4px 4px 4px 4px rgb(251, 170,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 201.7430, 16.8887, 43.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 170, 236) }
```

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

```
.background{ background-color: rgb(251,  
170, 236) }
```

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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