

Converting Colors

YUV(206.1530, 8.3056, 42.8388)

Have a look what the booklet for
YUV(206.1530, 8.3056, 42.8388)
contains.

YUV(206.1530, 8.3056, 42.8388)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(206.1530, 8.3056,
42.8388)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2DF
RGB	255, 178, 223
RGB Percent	100%, 70%, 87%
CMY	0.0000, 0.3020, 0.1255
CMYK	0.00, 0.30, 0.13, 0.00
HSL	325°, 100%, 85%
HSV	325°, 30%, 100%
XYZ	70.4797, 58.4285, 77.3752
YIQ	206.1530, 31.4470, 30.3190

Conversions

Conversions Part 2

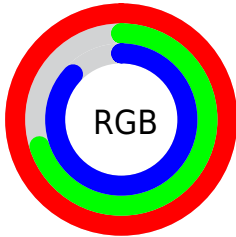
Format	Color
R _Y B	255, 178, 223
Decimal	16757471
CIE Lab	80.98, 34.56, -11.27
CIE LCh	81, 36.353, 341.933
Yxy	58.4285, 0.3417, 0.2832
Android (android.graphics.Color)	4294947551 (0xFFFFB2DF)
YUV	206.1530, 8.3056, 42.8388
Hunter-Lab	76.4385, 30.8174, -6.5095

Details

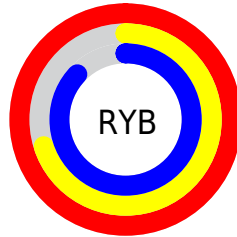
The YUV color $206.1530, 8.3056, 42.8388$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $226.8470, -8.3056, -42.8388$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.6730, 6.0772, 10.8108$, and $150.8430, 8.4584, 40.4797$ is the 20% darker color. If you saturate the color by 10%, you get $189.6370, 11.0250, 57.3234$, and if you desaturate by 10%, it is $222.0820, 5.8756, 28.8691$.

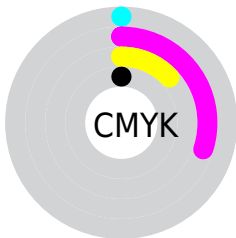
Distribution



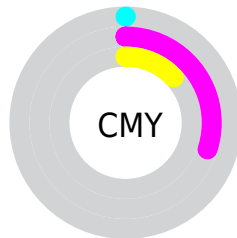
- Red (100%)
- Green (70%)
- Blue (87%)



- Red (100%)
- Yellow (70%)
- Blue (87%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.1530, 8.3056, 42.8388 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 206.1530, 8.3056, 42.8388 by changing the saturation by 10% instead.

 206.1530, 8.3056,
42.8388


 206.1530, 8.3056,
42.8388

255.0000, 0.0000,
0.0000


 178.4410, 8.1636,
41.7092

 242.6730, 6.0772,
10.8108

 150.8430, 8.4584,
40.4797

 124.7180, 8.0270,
38.8353

 99.1200, 8.3218,
37.6058

 73.5220, 8.6167,
36.3762

 48.7500, 9.4902,
36.1763

 24.5650, 10.0745,

35.4615

■ 15.7070, 4.5814,
23.9360

■ 0.0000, 0.0000,
0.0000

■ 206.1530, 8.3056,
42.8388

■ 206.1530, 8.3056,
42.8388

■ 189.6370, 11.0250,
57.3234

■ 222.0820, 5.8756,
28.8691

■ 173.8220, 13.8918,
71.1931

■ 238.4840, 2.7194,
14.4845

■ 157.3060, 16.6111,
85.6776

■ 255.0000, 0.0000,
0.0000

■ 141.4910, 19.4779,
99.5474

■ 124.9750, 22.1973,
114.0319

■ 109.0460, 24.6273,
128.0017

■ 93.2310, 27.4941,
141.8714

Harmonies

Analogous

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



205.7610, 22.7958, 15.1186



206.1530, 8.3056, 42.8388



201.1030, -5.9668, 47.2677

Triad

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



206.1530, 8.3056, 42.8388



197.5260, -31.3183, 11.8167



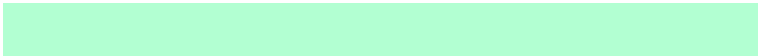
181.6210, 31.2458, -82.1056

Complementary

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



206.1530, 8.3056, 42.8388



226.8470, -8.3056, -42.8388

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.



182.2400, 15.6577, -75.6325



206.1530, 8.3056, 42.8388



193.7440, -22.0588, -18.1925

Square

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



206.1530, 8.3056, 42.8388



200.9790, -31.5416, 36.8524



188.1390, -4.5055, -48.3569



189.4160, 32.3329, -57.3698

Rectangle

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



206.1530, 8.3056, 42.8388



200.3560, -16.4445, 47.9228



188.1390, -4.5055, -48.3569



181.1710, 27.0307, -83.4650

Sweetspot

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



206.1530, 8.3056, 42.8388



240.3590, 2.2880, 12.8402



196.0470, 29.0638, 11.3598



118.5110, 1.7201, 8.3219



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.



206.1530, 8.3056, 42.8388



196.6640, 10.0256, 51.1607



201.9350, -7.8560, 46.5380



119.6850, 1.1413, 7.2923



69.8770, 20.7666, 106.2249



23.3540, 6.7275, 35.6465

Inverse Universe

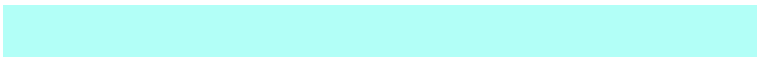
The Inverse Universe completely reimagines the original color for something new.



206.1530, 8.3056, 42.8388



196.6640, 10.0256, 51.1607



231.0650, 7.8560, -46.5380



119.6850, 1.1413, 7.2923



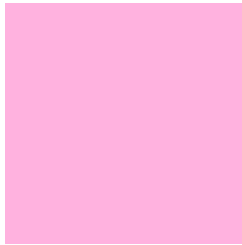
69.8770, 20.7666, 106.2249



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 206.1530, 8.3056, 42.8388 looks on a white background.

Color Contrast Check

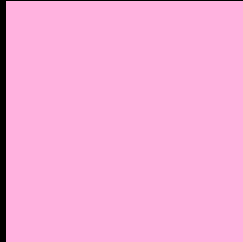
Large Text (above 18pt) WCAG AA × Fail

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 206.1530, 8.3056, 42.8388 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 206.1530, 8.3056, 42.8388

Background



This preview shows how black text looks on a background with the YUV color 206.1530, 8.3056, 42.8388.



This preview shows how white text looks on a background with the YUV color 206.1530, 8.3056,

42.8388.

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

206.1530, 8.3056, 42.8388

Protanopia

202.4240, 17.0460, -7.3878

Deuteranopia

203.8190, 7.9772, 8.0517



Tritanopia

205.2270, -4.0559, 41.0199

Trichromacy



Original Color

206.1530, 8.3056, 42.8388



Protanomaly

203.7360, 13.9342, 10.7555



Deuteranomaly

204.3090, 8.2287, 20.7770



Tritanomaly

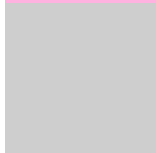
205.3780, 0.3066, 41.7645

Monochromacy



Original Color

206.1530, 8.3056, 42.8388



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

206.1960, 2.8614, 15.6141

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.1530, 8.3056, 42.8388 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, 178, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 223)  
}
```

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, 178, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 223) }
```

Border

The CSS property to change the border of an element to YUV 206.1530, 8.3056, 42.8388 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, 178, 223) }
```


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

```
.border{ border-color:rgb(255, 178, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 206.1530, 8.3056, 42.8388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 223) }
```

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

```
.background{ background-color: rgb(255,  
178, 223) }
```

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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