

Converting Colors

YUV(206.6600, 2.6326, 42.3942)

Have a look what the booklet for
YUV(206.6600, 2.6326, 42.3942)
contains.

| | |
|--|----|
| YUV(206.6600, 2.6326, 42.3942) | 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(206.6600, 2.6326,
42.3942)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB5D4 |
| RGB | 255, 181, 212 |
| RGB Percent | 100%, 71%, 83% |
| CMY | 0.0000, 0.2902, 0.1686 |
| CMYK | 0.00, 0.29, 0.17, 0.00 |
| HSL | 335°, 100%, 85% |
| HSV | 335°, 29%, 100% |
| XYZ | 69.6475, 59.0612, 70.0165 |
| YIQ | 206.6600, 34.1530, 25.3290 |

Conversions

Conversions Part 2

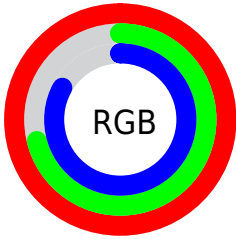
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 181, 212 |
| Decimal | 16758228 |
| CIE Lab | 81.33, 31.27, -4.83 |
| CIE LCh | 81, 31.639, 351.227 |
| Yxy | 59.0612, 0.3505, 0.2972 |
| Android (android.graphics.Color) | 4294948308 (0xFFFFB5D4) |
| YUV | 206.6600, 2.6326, 42.3942 |
| Hunter-Lab | 76.8513, 27.2783, -0.2211 |

Details

The YUV color $206.6600, 2.6326, 42.3942$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $229.3400, -2.6326, -42.3942$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.4340, 5.2090, 9.2664$, and $151.3500, 2.7855, 40.0351$ is the 20% darker color. If you saturate the color by 10%, you get $190.2750, 3.3154, 56.7638$, and if you desaturate by 10%, it is $223.6320, 1.6604, 27.5097$.

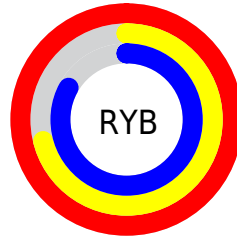
Distribution



Red (100%)

Green (71%)

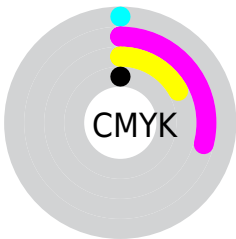
Blue (83%)



Red (100%)

Yellow (71%)

Blue (83%)

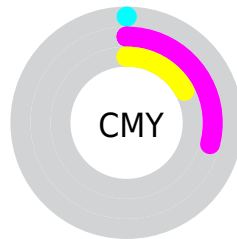


Cyan (0%)

Magenta (29%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (29%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 206.6600, 2.6326, 42.3942 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 206.6600, 2.6326, 42.3942 by changing the saturation by 10% instead.


 206.6600, 2.6326,
42.3942


 206.6600, 2.6326,
42.3942


255.0000, 0.0000,
0.0000

 178.9480, 2.4906,
41.2646


 244.4340, 5.2090,
9.2664

 151.3500, 2.7855,
40.0351

 125.3390, 2.7909,
38.2907

 99.7410, 3.0857,
37.0611

 74.8440, 3.5279,
35.2168

 50.6590, 4.1121,
34.5021

 25.1150, 5.8593,

34.1021

■ 14.7950, 1.0871,
24.7358

■ 0.0000, 0.0000,
0.0000

■ 206.6600, 2.6326,
42.3942

■ 206.6600, 2.6326,
42.3942

■ 190.2750, 3.3154,
56.7638

■ 223.6320, 1.6604,
27.5097

■ 173.3030, 4.2876,
71.6483

■ 240.0170, 0.9776,
13.1401

■ 157.0320, 5.4072,
85.9179

255.0000, 0.0000,
0.0000

■ 140.0600, 6.3794,
100.8024

■ 123.6750, 7.0622,
115.1720

■ 106.7030, 8.0344,
130.0565

■ 90.3180, 8.7172,
144.4261

■ 88.4430, 9.1486,
146.0705

Harmonies

Analogous

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



206.3830, 16.0802, 22.4661



206.6600, 2.6326, 42.3942



203.2400, -10.4713, 45.3935

Triad

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



206.6600, 2.6326, 42.3942



198.2520, -25.7602, 2.4100



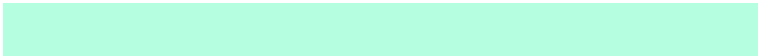
189.6450, 28.2760, -62.8327

Complementary

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



206.6600, 2.6326, 42.3942



229.3400, -2.6326, -42.3942

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.



186.7620, 17.3723, -65.5663



206.6600, 2.6326, 42.3942



194.2470, -14.9118, -23.8956

Square

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



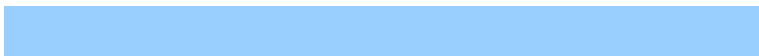
206.6600, 2.6326, 42.3942



201.1240, -28.1621, 26.2013



189.9200, 1.0254, -49.0418



196.0270, 29.0737, -38.6117

Rectangle

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



206.6600, 2.6326, 42.3942



203.5360, -19.4912, 45.1339



189.9200, 1.0254, -49.0418



187.6400, 25.8135, -66.3363

Sweetspot

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



206.6600, 2.6326, 42.3942



240.0170, 0.9776, 13.1401



201.9940, 26.1320, 18.4223



118.1690, 0.4097, 8.6218



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.



206.6600, 2.6326, 42.3942



196.8290, 3.0423, 51.0160



206.0610, -12.3551, 42.9195



119.4570, 0.2677, 7.4922



66.2290, 6.7891, 109.4242



22.2140, 2.3595, 36.6463

Inverse Universe

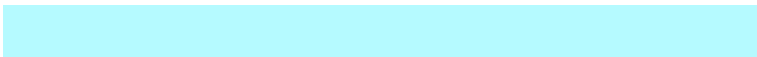
The Inverse Universe completely reimagines the original color for something new.



206.6600, 2.6326, 42.3942



196.8290, 3.0423, 51.0160



229.9390, 12.3551, -42.9195



119.4570, 0.2677, 7.4922



66.2290, 6.7891, 109.4242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 206.6600, 2.6326, 42.3942 looks on a white background.

Color Contrast Check

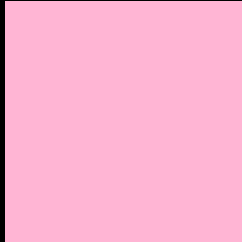
Large Text (above 18pt) WCAG AA × Fail

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 206.6600, 2.6326, 42.3942 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 206.6600, 2.6326, 42.3942

Background



This preview shows how black text looks on a background with the YUV color 206.6600, 2.6326, 42.3942.



This preview shows how white text looks on a background with the YUV color 206.6600, 2.6326,

42.3942.

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

206.6600, 2.6326, 42.3942

Protanopia

203.3230, 10.1938, -2.9143

Deuteranopia

204.3590, 2.2880, 12.8402



Tritanopia

205.6400, -3.7665, 41.5347

Trichromacy



Original Color

206.6600, 2.6326, 42.3942



Protanomaly

204.7380, 7.5242, 13.3848



Deuteranomaly

205.4250, 2.2555, 23.3063



Tritanomaly

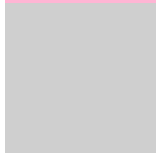
205.9220, -1.4405, 42.1644

Monochromacy



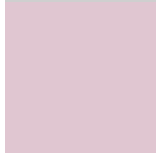
Original Color

206.6600, 2.6326, 42.3942



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

207.0280, 0.9722, 14.8844

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.6600, 2.6326, 42.3942 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, 181, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 212)  
}
```

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, 181, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 212) }
```

Border

The CSS property to change the border of an element to YUV 206.6600, 2.6326, 42.3942 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, 181, 212) }
```


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

```
.border{ border-color:rgb(255, 181, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 206.6600, 2.6326, 42.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 212) }
```

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

```
.background{ background-color: rgb(255,  
181, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor