

Converting Colors

YUV(203.0410, 1.4588, 45.5680)

Have a look what the booklet for
YUV(203.0410, 1.4588, 45.5680)
contains.

YUV(203.0410, 1.4588, 45.5680)	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(203.0410, 1.4588,
45.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0CE
RGB	255, 176, 206
RGB Percent	100%, 69%, 81%
CMY	0.0000, 0.3098, 0.1922
CMYK	0.00, 0.31, 0.19, 0.00
HSL	337°, 100%, 85%
HSV	337°, 31%, 100%
XYZ	67.9059, 56.7669, 65.7706
YIQ	203.0410, 37.4540, 26.0780

Conversions

Conversions Part 2

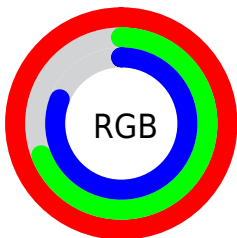
Format	Color
RYB	255, 176, 206
Decimal	16756942
CIELab	80.05, 32.98, -3.46
CIELCh	80, 33.165, 354.004
Yxy	56.7669, 0.3566, 0.2981
Android (android.graphics.Color)	4294947022 (0xFFFFB0CE)
YUV	203.0410, 1.4588, 45.5680
Hunter-Lab	75.3438, 29.0269, 0.9841

Details

The YUV color **203.0410, 1.4588, 45.5680** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **227.9590, -1.4588, -45.5680**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4990, 6.6560, 11.8404**, and **148.4320, 1.7590, 42.5941** is the 20% darker color. If you saturate the color by 10%, you get **185.9550, 1.9942, 60.5525**, and if you desaturate by 10%, it is **220.1270, 0.9234, 30.5836**.

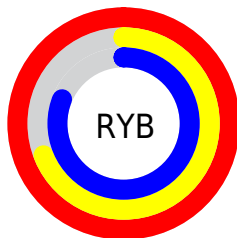
Distribution



Red (100%)

Green (69%)

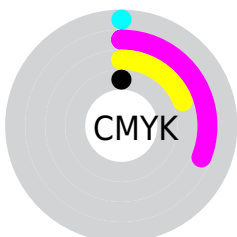
Blue (81%)



Red (100%)

Yellow (69%)

Blue (81%)

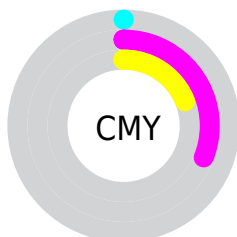


Cyan (0%)

Magenta (31%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (31%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.0410, 1.4588, 45.5680 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 203.0410, 1.4588, 45.5680 by changing the saturation by 10% instead.


 203.0410, 1.4588,
45.5680

 203.0410, 1.4588,
45.5680

255.0000, 0.0000,
0.0000

 175.4430, 1.7536,
44.3385


 241.4990, 6.6560,
11.8404

 148.4320, 1.7590,
42.5941

 121.8340, 2.0538,
41.3646

 96.2360, 2.3487,
40.1350

 71.3390, 2.7909,
38.2907

 46.2680, 3.8119,
37.4760

 22.5990, 5.1277,

35.4317

■ 14.2960, -2.1179,
26.0504

■ 0.0000, 0.0000,
0.0000

■ 203.0410, 1.4588,
45.5680

■ 203.0410, 1.4588,
45.5680

■ 185.9550, 1.9942,
60.5525

■ 220.1270, 0.9234,
30.5836

■ 169.4560, 2.2402,
75.0221

■ 236.6260, 0.6774,
16.1140

■ 152.4840, 3.2124,
89.9065

■ 253.5980, -0.2948,
1.2296

■ 135.9850, 3.4584,
104.3762

■ 255.0000, 0.0000,
0.0000

■ 119.4860, 3.7044,
118.8458

■ 102.4000, 4.2398,
133.8302

■ 87.3030, 4.7806,
147.0703

Harmonies

Analogous

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



202.9920, 15.7799, 25.4400



203.0410, 1.4588, 45.5680



200.0940, -12.3713, 48.1526

Triad

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



203.0410, 1.4588, 45.5680



193.8280, -26.0442, 0.1508



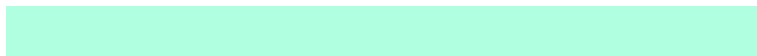
185.0190, 31.0496, -65.7917

Complementary

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



203.0410, 1.4588, 45.5680



227.9590, -1.4588, -45.5680

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.



181.8260, 20.2988, -70.8844



203.0410, 1.4588, 45.5680



189.7520, -14.1747, -26.9695

Square

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



203.0410, 1.4588, 45.5680



197.0700, -29.6145, 25.3716



185.0550, 2.9309, -53.5452



192.7820, 30.6735, -38.3968

Rectangle

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



203.0410, 1.4588, 45.5680



200.3900, -21.3913, 47.8930



185.0550, 2.9309, -53.5452



183.1880, 28.0083, -70.3249

Sweetspot

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



203.0410, 1.4588, 45.5680



239.9030, 0.5408, 13.2401



199.6570, 27.2841, 22.2258



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.



203.0410, 1.4588, 45.5680



193.0960, 1.4317, 54.2898



204.9040, -14.2497, 43.9342



119.4570, 0.2677, 7.4922



65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Inverse Universe

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



203.0410, 1.4588, 45.5680



193.0960, 1.4317, 54.2898



226.0960, 14.2497, -43.9342



119.4570, 0.2677, 7.4922



65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 203.0410, 1.4588, 45.5680 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 203.0410, 1.4588, 45.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

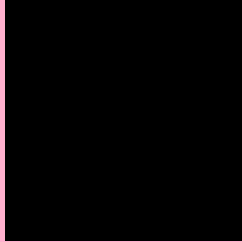
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.0410, 1.4588, 45.5680

Background



This preview shows how black text looks on a background with the YUV color 203.0410, 1.4588, 45.5680.



This preview shows how white text looks on a background with the YUV color 203.0410, 1.4588,

45.5680.

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

203.0410, 1.4588, 45.5680

Protanopia

200.0950, 9.3202, -2.7143

Deuteranopia

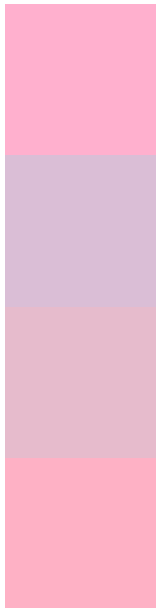
201.0170, 0.9776, 13.1401



Tritanopia

202.0210, -4.9404, 44.7086

Trichromacy



Original Color

203.0410, 1.4588, 45.5680

Protanomaly

201.1080, 6.3558, 14.8143

Deuteranomaly

201.7950, 1.0871, 24.7358

Tritanomaly

202.3030, -2.6144, 45.3383

Monochromacy



Original Color

203.0410, 1.4588, 45.5680

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.9250, 0.5300, 16.7288

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.0410, 1.4588, 45.5680 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, 176, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 206)  
}
```

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, 176, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 206) }
```

Border

The CSS property to change the border of an element to YUV 203.0410, 1.4588, 45.5680 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, 176, 206) }
```


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

```
.border{ border-color:rgb(255, 176, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 203.0410, 1.4588, 45.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 206) }
```

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

```
.background{ background-color: rgb(255,  
176, 206) }
```

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