

Converting Colors

YUV(203.4680, -9.5977,
45.1936)

Have a look what the booklet for
YUV(203.4680, -9.5977, 45.1936)
contains.

YUV(203.4680, -9.5977, 45.1936)	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(203.4680, -9.5977,
45.1936)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5B8
RGB	255, 181, 184
RGB Percent	100%, 71%, 72%
CMY	0.0000, 0.2902, 0.2784
CMYK	0.00, 0.29, 0.28, 0.00
HSL	358°, 100%, 85%
HSV	358°, 29%, 100%
XYZ	66.4156, 57.7684, 52.9973
YIQ	203.4680, 43.1410, 16.6210

Conversions

Conversions Part 2

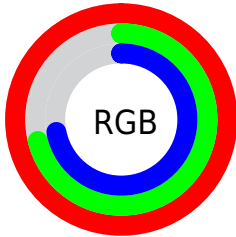
Format	Color
R_{YB}	255, 181, 184
Decimal	16758200
CIE _{Lab}	80.61, 27.27, 9.24
CIE _{LCh}	81, 28.794, 18.728
Yxy	57.7684, 0.3748, 0.3260
Android (android.graphics.Color)	4294948280 (0xFFFFB5B8)
YUV	203.4680, -9.5977, 45.1936
Hunter-Lab	76.0056, 22.9682, 11.8620

Details

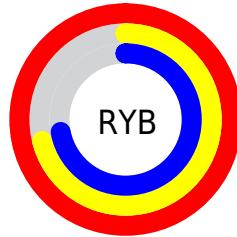
The YUV color $203.4680, -9.5977, 45.1936$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $232.5320, 9.5977, -45.1936$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.7240, -1.3429, 10.7661$, and $148.9730, -8.8607, 42.1197$ is the 20% darker color. If you saturate the color by 10%, you get $186.0570, -12.8461, 60.4630$, and if you desaturate by 10%, it is $221.4660, -6.6387, 29.4093$.

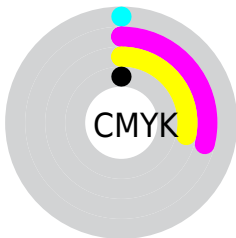
Distribution



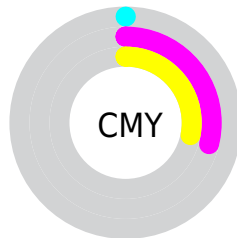
- Red (100%)
- Green (71%)
- Blue (72%)



- Red (100%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (29%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.4680, -9.5977, 45.1936 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 203.4680, -9.5977, 45.1936 by changing the saturation by 10% instead.

 203.4680, -9.5977,
45.1936


 203.4680, -9.5977,
45.1936


255.0000, 0.0000,
0.0000


 175.8700, -9.3029,
43.9640


 242.7240, -1.3429,
10.7661

 148.9730, -8.8607,
42.1197

 122.4890, -8.1291,
40.7901

 96.7060, -7.2501,
38.8458

 71.9230, -6.3710,
36.9015

 48.1400, -5.4920,
34.9572

 23.9980, -3.4500,

33.3278

■ 12.3730, -5.6069,
25.1059

■ 0.0000, 0.0000,
0.0000

■ 203.4680, -9.5977,
45.1936

■ 203.4680, -9.5977,
45.1936

■ 186.0570,
-12.8461, 60.4630

■ 221.4660, -6.6387,
29.4093

■ 167.9450,
-16.2419, 76.3472

■ 238.9910, -2.9536,
14.0399

■ 150.5340,
-19.4903, 91.6167

255.0000, 0.0000,
0.0000

■ 132.4220,
-22.8860, 107.5009

■ 115.0110,
-26.1344, 122.7704

■ 96.8990, -29.5302,
138.6546

■ 79.4880, -32.7786,
153.9240

■ 77.3850, -33.2208,
155.7684

Harmonies

Analogous

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



204.1540, 3.3751, 37.5759



203.4680, -9.5977, 45.1936



201.6880, -20.0592, 40.6156

Triad

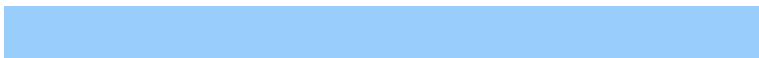
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



203.4680, -9.5977, 45.1936



193.9810, -14.7806, -19.2773



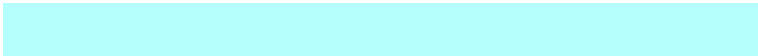
195.3970, 27.9053, -37.1822

Complementary

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



203.4680, -9.5977, 45.1936



232.5320, 9.5977, -45.1936

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.



189.1790, 25.0548, -56.2850



203.4680, -9.5977, 45.1936



190.2090, -0.5960, -42.2793

Square

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



203.4680, -9.5977, 45.1936



197.1320, -23.7291, 4.2692



187.3070, 14.1456, -57.2742



201.3620, 24.4715, -9.0875

Rectangle

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



203.4680, -9.5977, 45.1936



200.7810, -24.5420, 31.7641



187.3070, 14.1456, -57.2742



192.9400, 27.6376, -44.6744

Sweetspot

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



203.4680, -9.5977, 45.1936



238.9910, -2.9536, 14.0399



210.3660, 22.0046, 35.6360



117.5990, -1.7743, 9.1217



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.



203.4680, -9.5977, 45.1936



192.9530, -11.8088, 54.4152



222.4970, -20.4580, 28.5051



118.8870, -1.9163, 7.9921



58.0210, -24.6604, 116.6226



19.4780, -8.1237, 39.0458

Inverse Universe

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



203.4680, -9.5977, 45.1936



192.9530, -11.8088, 54.4152



213.5030, 20.4580, -28.5051



118.8870, -1.9163, 7.9921



58.0210, -24.6604, 116.6226



19.4780, -8.1237, 39.0458

Previews

White Background



This preview shows how the YUV color 203.4680, -9.5977, 45.1936 looks on a white background.

Color Contrast Check

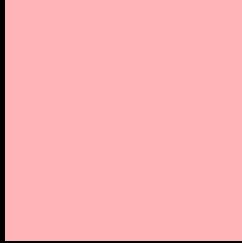
Large Text (above 18pt) WCAG AA × Fail

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 203.4680, -9.5977, 45.1936 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 203.4680, -9.5977, 45.1936

Background



This preview shows how black text looks on a background with the YUV color 203.4680, -9.5977, 45.1936.



This preview shows how white text looks on a background with the YUV color 203.4680, -9.5977,

45.1936.

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

203.4680, -9.5977, 45.1936

Protanopia

200.8110, -3.3578, 3.6738

Deuteranopia

201.9120, -9.8166, 22.0022



Tritanopia

203.9070, -5.3772, 44.8086

Trichromacy



Original Color

203.4680, -9.5977, 45.1936

Protanomaly

201.6280, -5.7326, 18.7432

Deuteranomaly

202.6680, -9.6963, 30.1092

Tritanomaly

203.5650, -6.6875, 45.1085

Monochromacy



Original Color

203.4680, -9.5977, 45.1936

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.1870, -3.5432, 16.4990

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.4680, -9.5977, 45.1936 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 184) }
```

Border

The CSS property to change the border of an element to YUV 203.4680, -9.5977, 45.1936 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, 184) }
```


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

```
.border{ border-color:rgb(255, 181, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 203.4680, -9.5977, 45.1936 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, 184) }
```

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

```
.background{ background-color: rgb(255,  
181, 184) }
```

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