

Converting Colors

YUV(203.0120, -11.3449,
45.5935)

Have a look what the booklet for
YUV(203.0120, -11.3449, 45.5935)
contains.

YUV(203.0120, -11.3449, 45.5935)	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(203.0120, -11.3449,
45.5935)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5B4
RGB	255, 181, 180
RGB Percent	100%, 71%, 71%
CMY	0.0000, 0.2902, 0.2941
CMYK	0.00, 0.29, 0.29, 0.00
HSL	1°, 100%, 85%
HSV	1°, 29%, 100%
XYZ	66.0021, 57.6030, 50.8198
YIQ	203.0120, 44.4250, 15.3770

Conversions

Conversions Part 2

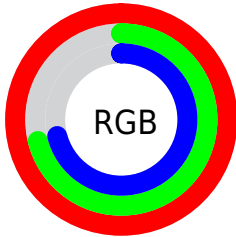
Format	Color
R _Y B	255, 181, 180
Decimal	16758196
CIE Lab	80.52, 26.74, 11.27
CIE LCh	81, 29.022, 22.852
Yxy	57.6030, 0.3784, 0.3302
Android (android.graphics.Color)	4294948276 (0xFFFFB5B4)
YUV	203.0120, -11.3449, 45.5935
Hunter-Lab	75.8967, 22.4100, 13.4275

Details

The YUV color $203.0120, -11.3449, 45.5935$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $231.9880, 11.3449, -45.5935$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.2680, -3.0901, 11.1660$, and $148.5170, -10.6079, 42.5196$ is the 20% darker color. If you saturate the color by 10%, you get $185.4870, -15.0301, 60.9629$, and if you desaturate by 10%, it is $220.6510, -7.2229, 30.1241$.

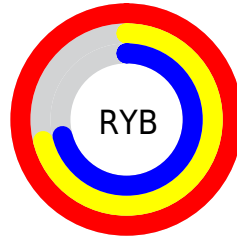
Distribution



Red (100%)

Green (71%)

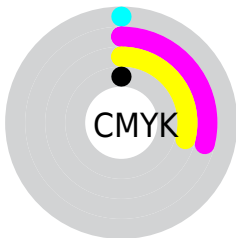
Blue (71%)



Red (100%)

Yellow (71%)

Blue (71%)

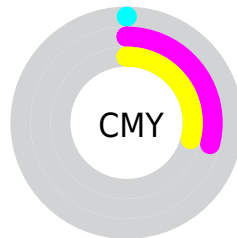


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.0120, -11.3449, 45.5935 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 203.0120, -11.3449, 45.5935 by changing the saturation by 10% instead.

203.0120,
-11.3449, 45.5935

203.0120,
-11.3449, 45.5935

255.0000, 0.0000,
0.0000

175.4140,
-11.0501, 44.3639

242.2680, -3.0901,
11.1660

148.5170,
-10.6079, 42.5196

121.7340, -9.7289,
40.5753

96.2500, -8.9972,
39.2458

72.1680, -7.9708,
36.6867

47.7980, -6.8024,
35.2572

23.4280, -5.6340,

33.8276

■ 12.3730, -5.6069,
25.1059

■ 0.0000, 0.0000,
0.0000

■ 203.0120,
-11.3449, 45.5935

■ 203.0120,
-11.3449, 45.5935

■ 185.4870,
-15.0301, 60.9629

■ 220.6510, -7.2229,
30.1241

■ 167.8480,
-19.1521, 76.4323

■ 238.1760, -3.5378,
14.7546

■ 150.3230,
-22.8372, 91.8017

255.0000, 0.0000,
0.0000

■ 132.0970,
-26.6698, 107.7859

■ 114.5720,
-30.3550, 123.1554

■ 96.9330, -34.4770,
138.6248

■ 79.4080, -38.1621,
153.9942

■ 78.0060, -38.4570,
155.2237

Harmonies

Analogous

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



204.2960, 1.3331, 39.2054



203.0120, -11.3449, 45.5935



201.3350, -21.3642, 39.1712

Triad

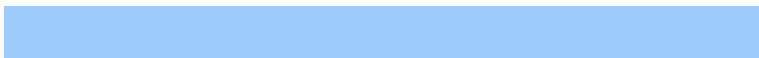
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



203.0120, -11.3449, 45.5935



192.7140, -13.1700, -22.5512



195.5330, 28.3312, -33.7934

Complementary

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



203.0120, -11.3449, 45.5935



231.9880, 11.3449, -45.5935

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.



189.4180, 25.9229, -54.7406



203.0120, -11.3449, 45.5935



189.3550, 1.3040, -45.0383

Square

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



203.0120, -11.3449, 45.5935



196.5230, -23.4288, 1.2953



187.1650, 16.1877, -58.9037



201.2700, 24.0239, -5.4988

Rectangle

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



203.0120, -11.3449, 45.5935



200.2430, -25.2628, 29.6049



187.1650, 16.1877, -58.9037



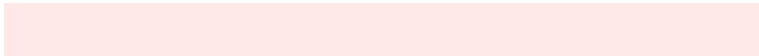
193.4780, 28.3583, -42.5152

Sweetspot

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



203.0120, -11.3449, 45.5935



238.8770, -3.3904, 14.1399



210.9750, 21.7043, 38.6099



118.0720, -2.5005, 8.7069



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.



203.0120, -11.3449, 45.5935



193.1980, -13.4086, 54.2004



224.7310, -22.0524, 26.5459



118.8870, -1.9163, 7.9921



58.8700, -29.0229, 115.8780



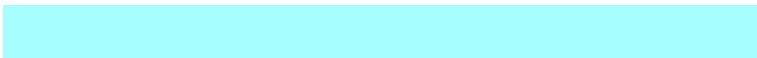
19.7230, -9.7234, 38.8309

Inverse Universe

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



231.9880, 11.3449, -45.5935



227.8020, 13.4086, -54.2004



210.8560, 21.7630, -27.0607



123.5260, 2.2057, -7.4773



132.7170, 28.7335, -116.3928



44.2770, 9.7234, -38.8309

Previews

White Background



This preview shows how the YUV color 203.0120, -11.3449, 45.5935 looks on a white background.

Color Contrast Check

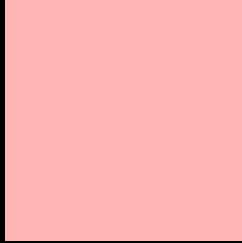
Large Text (above 18pt) WCAG AA × Fail

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 203.0120, -11.3449, 45.5935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

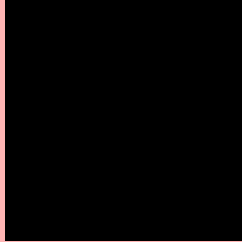
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.0120, -11.3449, 45.5935

Background



This preview shows how black text looks on a background with the YUV color 203.0120, -11.3449, 45.5935.



This preview shows how white text looks on a background with the YUV color 203.0120, -11.3449, 45.5935.

45.5935.

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

203.0120, -11.3449, 45.5935

Protanopia

200.0670, -4.9630, 5.2032

Deuteranopia

201.7550, -11.7112, 23.0169



Tritanopia

203.9070, -5.3772, 44.8086

Trichromacy



Original Color

203.0120, -11.3449, 45.5935

Protanomaly

200.8840, -7.3378, 20.2727

Deuteranomaly

202.5110, -11.5909, 31.1239

Tritanomaly

203.3370, -7.5611, 45.3085

Monochromacy



Original Color

203.0120, -11.3449, 45.5935

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.0730, -3.9800, 16.5990

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.0120, -11.3449, 45.5935 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 180) }
```

Border

The CSS property to change the border of an element to YUV 203.0120, -11.3449, 45.5935 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, 180) }
```


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

```
.border{ border-color:rgb(255, 181, 180) }
```

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, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 203.0120, -11.3449, 45.5935 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
181, 180) }
```

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