

Converting Colors

Yxy(61.7741, 0.3552, 0.3122)

Have a look what the booklet for
Yxy(61.7741, 0.3552, 0.3122)
contains.

Yxy(61.6342, 0.3551, 0.3116)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.6342, 0.3551, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCCD
RGB	255, 188, 205
RGB Percent	100%, 74%, 80%
CMY	0.0000, 0.2627, 0.1962
CMYK	0.00, 0.26, 0.20, 0.00
HSL	345°, 100%, 87%
HSV	345°, 26%, 100%
XYZ	70.2385, 61.6342, 65.9264
YIQ	209.9710, 34.4750, 19.4910

Conversions

Conversions Part 2

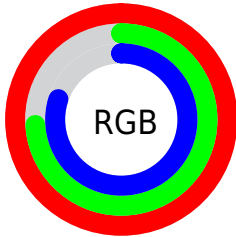
Format	Color
R _Y B	255, 188, 205
Decimal	16760013
CIE Lab	82.72, 26.53, 1.01
CIE LCh	83, 26.554, 2.171
Yxy	61.6342, 0.3551, 0.3116
Android (android.graphics.Color)	4294950093 (0xFFFFBCCD)
YUV	209.9710, -2.4507, 39.4904
Hunter-Lab	78.5075, 22.3110, 5.1666

Details

The Yxy color **61.6342, 0.3551, 0.3116** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.3886, 0.2826, 0.3473**, and the grayscale version is **64.4288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **31.1549, 0.3654, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **50.8225, 0.3783, 0.3047**, and if you desaturate by 10%, it is **74.4883, 0.3362, 0.3185**.

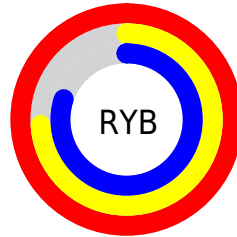
Distribution



Red (100%)

Green (74%)

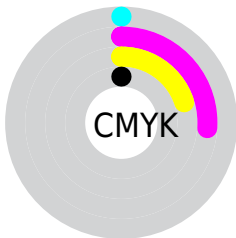
Blue (80%)



Red (100%)

Yellow (74%)

Blue (80%)

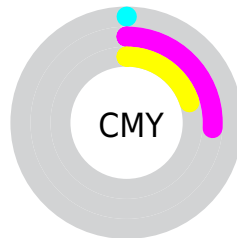


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6342, 0.3551, 0.3116 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 Yxy color 61.6342, 0.3551, 0.3116 by changing the saturation by 10% instead.


 61.6342, 0.3551,
0.3116

 61.6342, 0.3551,
0.3116


430.5955, 0.3349,
0.3200

 44.7372, 0.3599,
0.3096


 107.1967, 0.3479,
0.3146

 31.2505, 0.3659,
0.3071


136.6309, 0.3452,
0.3157

 20.7896, 0.3736,
0.3039


171.0130, 0.3429,
0.3167

 12.9703, 0.3840,
0.2995

210.7274, 0.3408,
0.3175

 7.4081, 0.3985,
0.2934

256.1585, 0.3391,
0.3182

 3.7186, 0.4204,
0.2841


307.6906, 0.3375,

 1.5174, 0.4568,


0.3189

0.2684

365.7081, 0.3361,
0.3195


 0.3010, 0.6267,
0.2012


 0.0000, 0.0000,
0.0000

 61.6342, 0.3551,
0.3116


 61.6342, 0.3551,
0.3116

 50.8225, 0.3783,
0.3047


 74.4883, 0.3362,
0.3185

 41.9395, 0.4063,
0.2981

 89.4740, 0.3208,
0.3251

 34.8730, 0.4392,
0.2928

99.9999, 0.3127,
0.3290

 29.4962, 0.4764,
0.2896

■ 25.6652, 0.5158,
0.2898

■ 23.2124, 0.5539,
0.2941

■ 21.9294, 0.5863,
0.3025

■ 21.6361, 0.5966,
0.3060

Harmonies

Analogous

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



61.6342, 0.3226, 0.2889



61.6342, 0.3551, 0.3116



61.6342, 0.3762, 0.3391

Triad

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



61.6342, 0.3551, 0.3116



61.6342, 0.3341, 0.3890



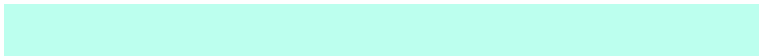
61.6342, 0.2503, 0.2878

Complementary

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



61.6342, 0.3551, 0.3116



88.3886, 0.2826, 0.3473

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.



61.6342, 0.2531, 0.3134



61.6342, 0.3551, 0.3116



61.6342, 0.3003, 0.3746

Square

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



61.6342, 0.3551, 0.3116



61.6342, 0.3632, 0.3848



61.6342, 0.2709, 0.3458



61.6342, 0.2631, 0.2748

Rectangle

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



61.6342, 0.3551, 0.3116



61.6342, 0.3803, 0.3574



61.6342, 0.2709, 0.3458



61.6342, 0.2495, 0.2951

Sweetspot

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



61.6370, 0.3551, 0.3116



86.7250, 0.3232, 0.3240



61.2192, 0.3023, 0.2606



18.0625, 0.3254, 0.3230



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.6370, 0.3551, 0.3116



55.1979, 0.3678, 0.3076



67.9069, 0.3653, 0.3453



18.0625, 0.3254, 0.3230



11.3254, 0.5926, 0.3038



1.1194, 0.5611, 0.2865

Inverse Universe

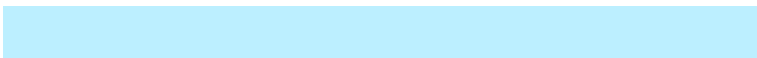
The Inverse Universe completely reimagines the original color for something new.



61.6370, 0.3551, 0.3116



55.1979, 0.3678, 0.3076



79.8621, 0.2726, 0.3120



18.0625, 0.3254, 0.3230



11.3254, 0.5926, 0.3038



1.1194, 0.5611, 0.2865

Previews

White Background



This preview shows how the Yxy color 61.6342, 0.3551, 0.3116 looks on a white background.

Color Contrast Check

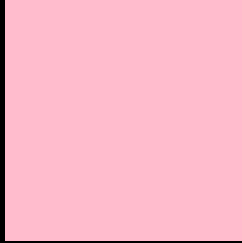
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 61.6342, 0.3551, 0.3116 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](#).

Yxy 61.6342, 0.3551, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 61.6342, 0.3551, 0.3116.



This preview shows how white text looks on a background with the Yxy color 61.6342, 0.3551, 0.3116.

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

61.6342, 0.3551, 0.3116

Protanopia

61.8343, 0.3072, 0.3175

Deuteranopia

61.9512, 0.3318, 0.3257



Tritanopia

61.5382, 0.3567, 0.3136

Trichromacy



Original Color

61.6342, 0.3551, 0.3116

Protanomaly

61.3973, 0.3235, 0.3157

Deuteranomaly

61.8440, 0.3397, 0.3204

Tritanomaly

61.5861, 0.3559, 0.3126

Monochromacy



Original Color

61.6342, 0.3551, 0.3116

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

62.9639, 0.3270, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6342, 0.3551, 0.3116 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, 188, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 205)  
}
```

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, 188, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 205) }
```

Border

The CSS property to change the border of an element to Yxy 61.6342, 0.3551, 0.3116 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, 188, 205) }
```

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

```
.border{ border-color:rgb(255, 188, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6342, 0.3551, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 205) }
```

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

```
.background{ background-color: rgb(255,  
188, 205) }
```

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