

Converting Colors

Yxy(69.9230, 0.4159, 0.3104)

Have a look what the booklet for
Yxy(69.9230, 0.4159, 0.3104)
contains.

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Color

Yxy(55.9512, 0.3648, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFC5
RGB	255, 175, 197
RGB Percent	100%, 69%, 77%
CMY	0.0000, 0.3138, 0.2274
CMYK	0.00, 0.31, 0.23, 0.00
HSL	343°, 100%, 84%
HSV	343°, 31%, 100%
XYZ	66.6590, 55.9512, 60.1174
YIQ	201.4280, 40.6180, 23.8020

Conversions

Conversions Part 2

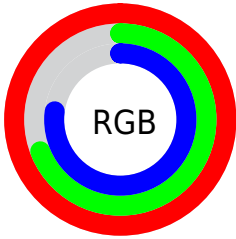
Format	Color
R _Y B	255, 175, 197
Decimal	16756677
CIE Lab	79.59, 32.22, 0.73
CIE LCh	80, 32.232, 1.295
Yxy	55.9512, 0.3648, 0.3062
Android (android.graphics.Color)	4294946757 (0xFFFFAFC5)
YUV	201.4280, -2.1830, 46.9826
Hunter-Lab	74.8005, 28.1706, 4.7088

Details

The Yxy color **55.9512, 0.3648, 0.3062** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.5142, 0.2783, 0.3534**, and the grayscale version is **58.6782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5676, 0.3144, 0.3068**, and **27.7726, 0.3789, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **46.1453, 0.3895, 0.2988**, and if you desaturate by 10%, it is **67.7264, 0.3444, 0.3138**.

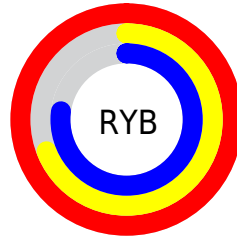
Distribution



Red (100%)

Green (69%)

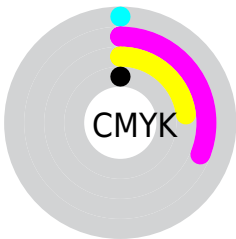
Blue (77%)



Red (100%)

Yellow (69%)

Blue (77%)

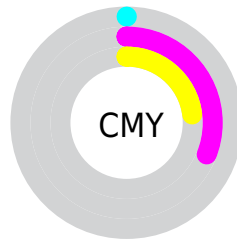


Cyan (0%)

Magenta (31%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9512, 0.3648, 0.3062 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 55.9512, 0.3648, 0.3062 by changing the saturation by 10% instead.


 55.9512, 0.3648,
0.3062

 55.9512, 0.3648,
0.3062


409.5076, 0.3395,
0.3173

 40.1638, 0.3709,
0.3035


 98.9332, 0.3558,
0.3102

 27.6663, 0.3785,
0.3001


126.8966, 0.3524,
0.3117

 18.0742, 0.3885,
0.2957


159.6875, 0.3494,
0.3130

 11.0033, 0.4020,
0.2897

197.6902, 0.3469,
0.3141

 6.0691, 0.4213,
0.2811

241.2892, 0.3447,
0.3150

 2.8871, 0.4509,
0.2678

290.8688, 0.3428,

 1.0731, 0.5018,

0.3159

0.2447

346.8135, 0.3411,
0.3166

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9512, 0.3648,
0.3062

55.9512, 0.3648,
0.3062

46.1453, 0.3895,
0.2988

67.7264, 0.3444,
0.3138

38.2121, 0.4190,
0.2922

81.5849, 0.3278,
0.3211

32.0271, 0.4531,
0.2873

97.6164, 0.3144,
0.3281

27.4558, 0.4905,
0.2853

100.0000, 0.3127,
0.3290

■ 24.3442, 0.5287,
0.2873

■ 22.5074, 0.5640,
0.2938

■ 21.7047, 0.5895,
0.3021

Harmonies

Analogous

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



55.9512, 0.3235, 0.2789



55.9512, 0.3648, 0.3062



55.9512, 0.3921, 0.3397

Triad

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



55.9512, 0.3648, 0.3062



55.9512, 0.3400, 0.4051



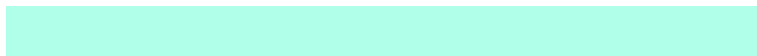
55.9512, 0.2355, 0.2779

Complementary

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



55.9512, 0.3648, 0.3062



86.5142, 0.2783, 0.3534

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.



55.9512, 0.2393, 0.3098



55.9512, 0.3648, 0.3062



55.9512, 0.2979, 0.3879

Square

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



55.9512, 0.3648, 0.3062



55.9512, 0.3763, 0.3980



55.9512, 0.2614, 0.3512



55.9512, 0.2504, 0.2621

Rectangle

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



55.9512, 0.3648, 0.3062



55.9512, 0.3975, 0.3624



55.9512, 0.2614, 0.3512



55.9512, 0.2346, 0.2869

Sweetspot

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



55.9469, 0.3648, 0.3062



85.1961, 0.3244, 0.3228



55.0861, 0.2986, 0.2464



17.7593, 0.3265, 0.3218



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.



55.9469, 0.3648, 0.3062



49.2412, 0.3806, 0.3012



62.1961, 0.3792, 0.3473



18.0692, 0.3251, 0.3225



11.3626, 0.5854, 0.2998



1.1238, 0.5535, 0.2823

Inverse Universe

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



55.9469, 0.3648, 0.3062



49.2412, 0.3806, 0.3012



77.2861, 0.2653, 0.3097



18.0692, 0.3251, 0.3225



11.3626, 0.5854, 0.2998



1.1238, 0.5535, 0.2823

Previews

White Background



This preview shows how the Yxy color 55.9512, 0.3648, 0.3062 looks on a white background.

Color Contrast Check

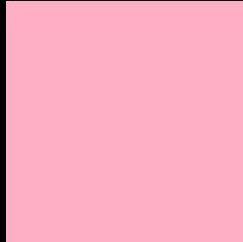
Large Text (above 18pt) WCAG AA × Fail

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 55.9512, 0.3648, 0.3062 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 55.9512, 0.3648, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 55.9512, 0.3648, 0.3062.



This preview shows how white text looks on a background with the Yxy color 55.9512, 0.3648, 0.3062.

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

55.9512, 0.3648, 0.3062

Protanopia

56.1388, 0.3041, 0.3124

Deuteranopia

56.0621, 0.3327, 0.3256



Tritanopia

55.8392, 0.3700, 0.3145

Trichromacy



Original Color

55.9512, 0.3648, 0.3062

Protanomaly

55.4343, 0.3252, 0.3096

Deuteranomaly

55.6270, 0.3438, 0.3179

Tritanomaly

55.9718, 0.3673, 0.3113

Monochromacy



Original Color

55.9512, 0.3648, 0.3062

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.2416, 0.3303, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9512, 0.3648, 0.3062 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, 175, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 197)  
}
```

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, 175, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 197) }
```

Border

The CSS property to change the border of an element to Yxy 55.9512, 0.3648, 0.3062 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, 175, 197) }
```

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

```
.border{ border-color:rgb(255, 175, 197) }
```

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

Here you see how a box with a 4 pixel rgb(255, 175, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9512, 0.3648, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 197) }
```

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

```
.background{ background-color: rgb(255,  
175, 197) }
```

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](#).

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