

Converting Colors

Yxy(55.0067, 0.3356, 0.2648)

Have a look what the booklet for
Yxy(55.0067, 0.3356, 0.2648)
contains.

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Color

Yxy(55.0915, 0.3353, 0.2646)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8E8
RGB	255, 168, 232
RGB Percent	100%, 66%, 91%
CMY	0.0000, 0.3412, 0.0902
CMYK	0.00, 0.34, 0.09, 0.00
HSL	316°, 100%, 83%
HSV	316°, 34%, 100%
XYZ	69.8117, 55.0915, 83.3035
YIQ	201.3090, 31.3080, 38.3480

Conversions

Conversions Part 2

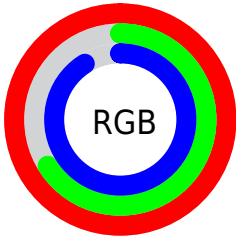
Format	Color
RYB	255, 168, 232
Decimal	16754920
CIELab	79.09, 41.24, -18.97
CIElCh	79, 45.393, 335.303
Yxy	55.0915, 0.3353, 0.2646
Android (android.graphics.Color)	4294945000 (0xFFFFA8E8)
YUV	201.3090, 15.1307, 47.0870
Hunter-Lab	74.2236, 37.9984, -14.5865

Details

The Yxy color **55.0915, 0.3353, 0.2646** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.6060, 0.2960, 0.4037**, and the grayscale version is **58.4997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **27.0395, 0.3406, 0.2497** is the 20% darker color. If you saturate the color by 10%, you get **46.2060, 0.3441, 0.2461**, and if you desaturate by 10%, it is **65.8384, 0.3275, 0.2838**.

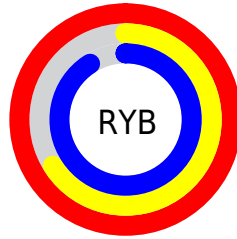
Distribution



Red (100%)

Green (66%)

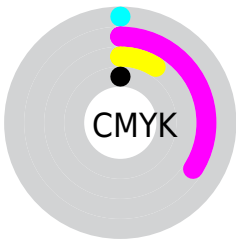
Blue (91%)



Red (100%)

Yellow (66%)

Blue (91%)

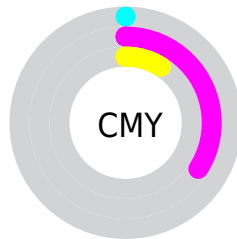


Cyan (0%)

Magenta (34%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0915, 0.3353, 0.2646 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 55.0915, 0.3353, 0.2646 by changing the saturation by 10% instead.

 55.0915, 0.3353,
0.2646


 55.0915, 0.3353,
0.2646


406.2587, 0.3251,
0.2941

 39.4750, 0.3375,
0.2580


 97.6750, 0.3318,
0.2748

 27.1294, 0.3403,
0.2498


 125.4108, 0.3305,
0.2787

 17.6705, 0.3436,
0.2396


157.9551, 0.3293,
0.2822

 10.7137, 0.3479,
0.2264

195.6924, 0.3283,
0.2852

 5.8746, 0.3535,
0.2088

239.0070, 0.3273,
0.2878

 2.7690, 0.3610,
0.1843

288.2833, 0.3265,

 1.0124, 0.3714,

0.2901

0.1483

343.9057, 0.3258,
0.2922

0.0000, 0.4243,
0.0000

0.0000, 0.0000,
0.0000

55.0915, 0.3353,
0.2646

55.0915, 0.3353,
0.2646

46.2060, 0.3441,
0.2461

65.8384, 0.3275,
0.2838

39.0723, 0.3539,
0.2292

78.5453, 0.3207,
0.3030

33.5709, 0.3644,
0.2151

93.3051, 0.3149,
0.3216

29.5667, 0.3754,
0.2047

100.0000, 0.3127,
0.3290

■ 26.9032, 0.3864,
0.1990

■ 25.3886, 0.3972,
0.1982

■ 24.8741, 0.4033,
0.1995

Harmonies

Analogous

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



55.0915, 0.2758, 0.2409



55.0915, 0.3353, 0.2646



55.0915, 0.3932, 0.3023

Triad

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



55.0915, 0.3353, 0.2646



55.0915, 0.3946, 0.4282



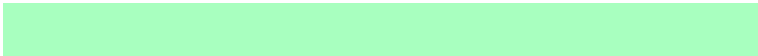
55.0915, 0.2095, 0.2928

Complementary

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



55.0915, 0.3353, 0.2646



83.6060, 0.2960, 0.4037

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.



55.0915, 0.2354, 0.3516



55.0915, 0.3353, 0.2646



55.0915, 0.3412, 0.4378

Square

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



55.0915, 0.3353, 0.2646



55.0915, 0.4277, 0.3929



55.0915, 0.2829, 0.4091



55.0915, 0.2083, 0.2526

Rectangle

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



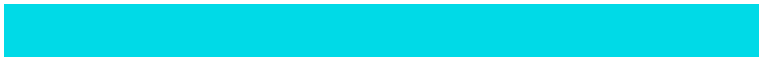
55.0915, 0.3353, 0.2646



55.0915, 0.4202, 0.3320



55.0915, 0.2829, 0.4091



55.0915, 0.2154, 0.3110

Sweetspot

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



55.0919, 0.3353, 0.2646



84.3693, 0.3182, 0.3107



46.1402, 0.2660, 0.2306



17.6246, 0.3190, 0.3081



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.



55.0919, 0.3353, 0.2646



48.7831, 0.3413, 0.2517



52.9720, 0.3732, 0.3064



18.2136, 0.3179, 0.3117



13.0232, 0.4016, 0.1986



1.2861, 0.3903, 0.1924

Inverse Universe

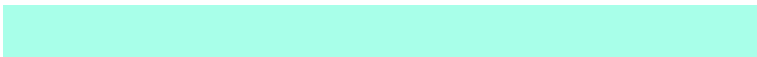
The Inverse Universe completely reimagines the original color for something new.



55.0919, 0.3353, 0.2646



48.7831, 0.3413, 0.2517



85.7423, 0.2746, 0.3533



18.2136, 0.3179, 0.3117



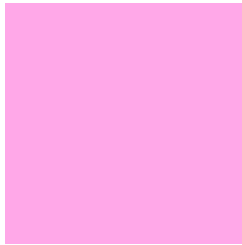
13.0232, 0.4016, 0.1986



1.2861, 0.3903, 0.1924

Previews

White Background



This preview shows how the Yxy color 55.0915, 0.3353, 0.2646 looks on a white background.

Color Contrast Check

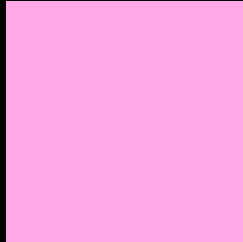
Large Text (above 18pt) WCAG AA × Fail

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 55.0915, 0.3353, 0.2646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

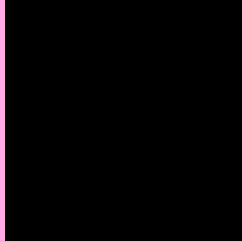
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0915, 0.3353, 0.2646

Background



This preview shows how black text looks on a background with the Yxy color 55.0915, 0.3353, 0.2646.



This preview shows how white text looks on a background with the Yxy color 55.0915, 0.3353, 0.2646.

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

55.0915, 0.3353, 0.2646

Protanopia

55.4308, 0.2666, 0.2646

Deuteranopia

55.1424, 0.2930, 0.2862



Tritanopia

55.0924, 0.3665, 0.3143

Trichromacy



Original Color

55.0915, 0.3353, 0.2646



Protanomaly

54.7243, 0.2893, 0.2647



Deuteranomaly

54.7398, 0.3078, 0.2781



Tritanomaly

54.9904, 0.3554, 0.2957

Monochromacy



Original Color

55.0915, 0.3353, 0.2646



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.5208, 0.3212, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0915, 0.3353, 0.2646 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, 168, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 232)  
}
```

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, 168, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 232) }
```

Border

The CSS property to change the border of an element to Yxy 55.0915, 0.3353, 0.2646 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, 168, 232) }
```

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

```
.border{ border-color:rgb(255, 168, 232) }
```

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

Here you see how a box with a 4 pixel rgb(255, 168, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0915, 0.3353, 0.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 232) }
```

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

```
.background{ background-color: rgb(255,  
168, 232) }
```

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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