

Converting Colors

Yxy(55.5251, 0.3341, 0.2645)

Have a look what the booklet for
Yxy(55.5251, 0.3341, 0.2645)
contains.

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Color

Yxy(55.5191, 0.3344, 0.2647)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9E9
RGB	255, 169, 233
RGB Percent	100%, 66%, 91%
CMY	0.0000, 0.3373, 0.0864
CMYK	0.00, 0.34, 0.09, 0.00
HSL	315°, 100%, 83%
HSV	315°, 34%, 100%
XYZ	70.1382, 55.5191, 84.0862
YIQ	202.0100, 30.7120, 38.1360

Conversions

Conversions Part 2

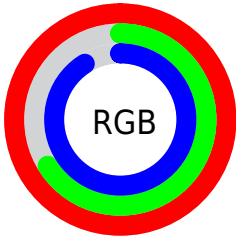
Format	Color
R _Y B	255, 169, 233
Decimal	16755177
CIE Lab	79.34, 40.88, -19.11
CIE LCh	79, 45.132, 334.943
Yxy	55.5191, 0.3344, 0.2647
Android (android.graphics.Color)	4294945257 (0xFFFFA9E9)
YUV	202.0100, 15.2781, 46.4722
Hunter-Lab	74.5111, 37.6297, -14.7512

Details

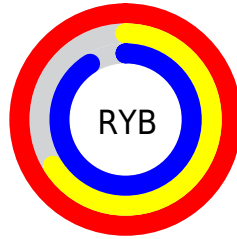
The Yxy color **55.5191, 0.3344, 0.2647** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.7179, 0.2966, 0.4035**, and the grayscale version is **58.9546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **27.3061, 0.3393, 0.2498** is the 20% darker color. If you saturate the color by 10%, you get **46.5703, 0.3429, 0.2460**, and if you desaturate by 10%, it is **66.3281, 0.3268, 0.2841**.

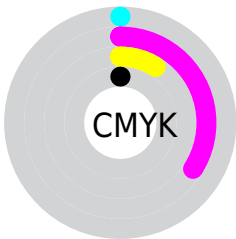
Distribution



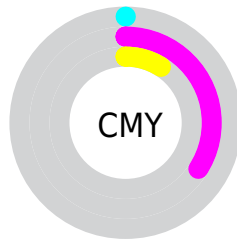
- Red (100%)
- Green (66%)
- Blue (91%)



- 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 55.5191, 0.3344, 0.2647 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 55.5191, 0.3344, 0.2647 by changing the saturation by 10% instead.

 55.5191, 0.3344,
0.2647

 55.5191, 0.3344,
0.2647


407.8767, 0.3247,
0.2941

 39.8175, 0.3365,
0.2581


 98.3011, 0.3311,
0.2748

 27.3963, 0.3391,
0.2500


126.1503, 0.3298,
0.2788

 17.8711, 0.3423,
0.2398


158.8174, 0.3287,
0.2822

 10.8575, 0.3464,
0.2267

196.6870, 0.3277,
0.2852

 5.9711, 0.3516,
0.2092

240.1432, 0.3268,
0.2878

 2.8275, 0.3586,
0.1849

289.5707, 0.3260,

 1.0423, 0.3682,

0.2902

0.1492

345.3537, 0.3253,
0.2922

■ 0.0000, 0.4198,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5191, 0.3344,
0.2647

■ 55.5191, 0.3344,
0.2647

■ 46.5703, 0.3429,
0.2460

■ 66.3281, 0.3268,
0.2841

■ 39.3790, 0.3524,
0.2289

■ 79.1021, 0.3202,
0.3035

■ 33.8241, 0.3625,
0.2145

■ 93.9318, 0.3146,
0.3222

■ 29.7714, 0.3731,
0.2038

100.0000, 0.3127,
0.3290

■ 27.0651, 0.3837,
0.1978

■ 25.5154, 0.3940,
0.1966

■ 24.9635, 0.4003,
0.1979

Harmonies

Analogous

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



55.5191, 0.2755, 0.2414



55.5191, 0.3344, 0.2647



55.5191, 0.3920, 0.3020

Triad

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



55.5191, 0.3344, 0.2647



55.5191, 0.3946, 0.4271



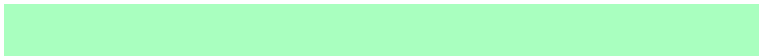
55.5191, 0.2104, 0.2938

Complementary

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



55.5191, 0.3344, 0.2647



83.7179, 0.2966, 0.4035

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.



55.5191, 0.2365, 0.3522



55.5191, 0.3344, 0.2647



55.5191, 0.3417, 0.4369

Square

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



55.5191, 0.3344, 0.2647



55.5191, 0.4270, 0.3920



55.5191, 0.2838, 0.4089



55.5191, 0.2089, 0.2535

Rectangle

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



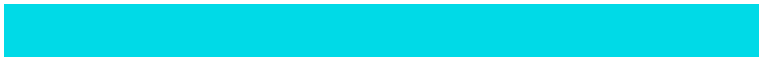
55.5191, 0.3344, 0.2647



55.5191, 0.4189, 0.3315



55.5191, 0.2838, 0.4089



55.5191, 0.2164, 0.3119

Sweetspot

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



55.5172, 0.3344, 0.2647



84.3821, 0.3180, 0.3106



46.6075, 0.2667, 0.2319



17.6277, 0.3188, 0.3079



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.



55.5172, 0.3344, 0.2647



49.6923, 0.3396, 0.2528



53.3754, 0.3722, 0.3067



18.2162, 0.3177, 0.3115



13.0695, 0.3987, 0.1970



1.2903, 0.3878, 0.1910

Inverse Universe

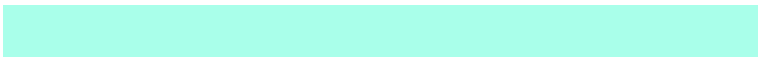
The Inverse Universe completely reimagines the original color for something new.



55.5172, 0.3344, 0.2647



49.6923, 0.3396, 0.2528



85.8668, 0.2750, 0.3530



18.2162, 0.3177, 0.3115



13.0695, 0.3987, 0.1970



1.2903, 0.3878, 0.1910

Previews

White Background



This preview shows how the Yxy color 55.5191, 0.3344, 0.2647 looks on a white background.

Color Contrast Check

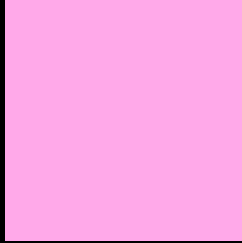
Large Text (above 18pt) WCAG AA × Fail

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 55.5191, 0.3344, 0.2647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

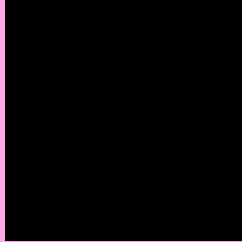
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5191, 0.3344, 0.2647

Background



This preview shows how black text looks on a background with the Yxy color 55.5191, 0.3344, 0.2647.



This preview shows how white text looks on a background with the Yxy color 55.5191, 0.3344, 0.2647.

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

55.5191, 0.3344, 0.2647

Protanopia

56.0625, 0.2668, 0.2649

Deuteranopia

55.7739, 0.2931, 0.2864



Tritanopia

55.5299, 0.3653, 0.3143

Trichromacy



Original Color

55.5191, 0.3344, 0.2647



Protanomaly

55.2048, 0.2887, 0.2648



Deuteranomaly

55.3663, 0.3079, 0.2783



Tritanomaly

55.4238, 0.3544, 0.2957

Monochromacy



Original Color

55.5191, 0.3344, 0.2647



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.0032, 0.3204, 0.3032

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5191, 0.3344, 0.2647 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, 169, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 233)  
}
```

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, 169, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 233) }
```

Border

The CSS property to change the border of an element to Yxy 55.5191, 0.3344, 0.2647 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, 169, 233) }
```

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

```
.border{ border-color:rgb(255, 169, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5191, 0.3344, 0.2647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 233) }
```

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

```
.background{ background-color: rgb(255,  
169, 233) }
```

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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