

Converting Colors

Yxy(55.4539, 0.3316, 0.2609)

Have a look what the booklet for
Yxy(55.4539, 0.3316, 0.2609)
contains.

Yxy(55.3214, 0.3319, 0.2609)	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(55.3214, 0.3319, 0.2609)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8EC
RGB	255, 168, 236
RGB Percent	100%, 66%, 93%
CMY	0.0001, 0.3411, 0.0744
CMYK	0.00, 0.34, 0.07, 0.00
HSL	313°, 100%, 83%
HSV	313°, 34%, 100%
XYZ	70.3763, 55.3214, 86.3429
YIQ	201.7650, 30.0240, 39.5920

Conversions

Conversions Part 2

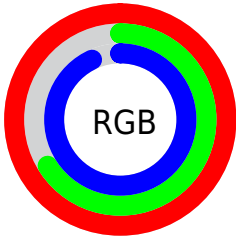
Format	Color
R _Y B	255, 168, 236
Decimal	16754924
CIE Lab	79.23, 41.88, -20.94
CIE LCh	79, 46.825, 333.441
Yxy	55.3214, 0.3319, 0.2609
Android (android.graphics.Color)	4294945004 (0xFFFFA8EC)
YUV	201.7650, 16.8779, 46.6871
Hunter-Lab	74.3784, 38.7333, -16.7626

Details

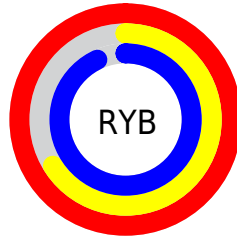
The Yxy color **55.3214, 0.3319, 0.2609** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.4124, 0.2981, 0.4086**, and the grayscale version is **58.7896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **27.2002, 0.3360, 0.2452** is the 20% darker color. If you saturate the color by 10%, you get **46.4954, 0.3393, 0.2415**, and if you desaturate by 10%, it is **66.0081, 0.3253, 0.2812**.

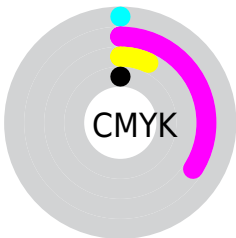
Distribution



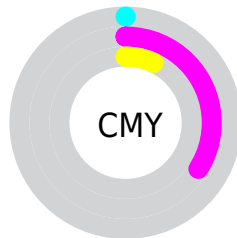
- Red (100%)
- Green (66%)
- Blue (93%)



- Red (100%)
- Yellow (66%)
- Blue (93%)



- Cyan (0%)
- Magenta (34%)
- Yellow (7%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3214, 0.3319, 0.2609 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 55.3214, 0.3319, 0.2609 by changing the saturation by 10% instead.

 55.3214, 0.3319,
0.2609


 55.3214, 0.3319,
0.2609

407.1291, 0.3235,
0.2919

 39.6591, 0.3337,
0.2540

 98.0117, 0.3291,
0.2716

 27.2729, 0.3359,
0.2454


 125.8085, 0.3279,
0.2757

 17.7782, 0.3385,
0.2348


158.4189, 0.3270,
0.2794

 10.7909, 0.3418,
0.2211

196.2273, 0.3261,
0.2825

 5.9264, 0.3459,
0.2030

239.6182, 0.3253,
0.2853

 2.8004, 0.3511,
0.1779

288.9758, 0.3246,

 1.0284, 0.3575,

0.2878

0.1415

344.6847, 0.3240,
0.2900

0.0000, 0.3979,
0.0000

0.0000, 0.0000,
0.0000

55.3214, 0.3319,
0.2609

55.3214, 0.3319,
0.2609

46.4954, 0.3393,
0.2415

66.0081, 0.3253,
0.2812

39.4140, 0.3473,
0.2238

78.6474, 0.3195,
0.3014

33.9602, 0.3558,
0.2089

93.3346, 0.3146,
0.3212

29.9991, 0.3646,
0.1978

99.9938, 0.3127,
0.3290

■ 27.3741, 0.3733,
0.1913

■ 25.8937, 0.3817,
0.1896

■ 25.3967, 0.3865,
0.1903

Harmonies

Analogous

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



55.3214, 0.2713, 0.2377



55.3214, 0.3319, 0.2609



55.3214, 0.3924, 0.2987

Triad

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



55.3214, 0.3319, 0.2609



55.3214, 0.3997, 0.4293



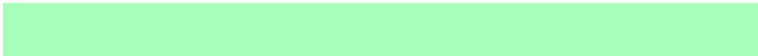
55.3214, 0.2076, 0.2949

Complementary

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



55.3214, 0.3319, 0.2609



83.4124, 0.2981, 0.4086

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.



55.3214, 0.2356, 0.3562



55.3214, 0.3319, 0.2609



55.3214, 0.3455, 0.4417

Square

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



55.3214, 0.3319, 0.2609



55.3214, 0.4321, 0.3916



55.3214, 0.2854, 0.4147



55.3214, 0.2049, 0.2522

Rectangle

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



55.3214, 0.3319, 0.2609



55.3214, 0.4215, 0.3290



55.3214, 0.2854, 0.4147



55.3214, 0.2142, 0.3139

Sweetspot

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



55.3239, 0.3319, 0.2609



84.4430, 0.3174, 0.3096



45.7775, 0.2640, 0.2301



17.6425, 0.3181, 0.3068



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.



55.3239, 0.3319, 0.2609



49.0554, 0.3369, 0.2473



53.1013, 0.3704, 0.3034



18.2286, 0.3172, 0.3106



13.2974, 0.3852, 0.1896



1.3107, 0.3764, 0.1847

Inverse Universe

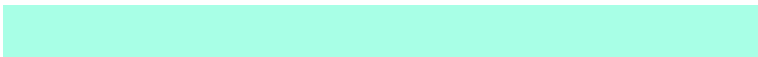
The Inverse Universe completely reimagines the original color for something new.



55.3239, 0.3319, 0.2609



49.0554, 0.3369, 0.2473



85.5579, 0.2761, 0.3566



18.2286, 0.3172, 0.3106



13.2974, 0.3852, 0.1896



1.3107, 0.3764, 0.1847

Previews

White Background



This preview shows how the Yxy color 55.3214, 0.3319, 0.2609 looks on a white background.

Color Contrast Check

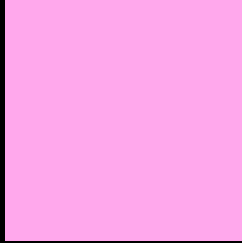
Large Text (above 18pt) WCAG AA × Fail

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 55.3214, 0.3319, 0.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

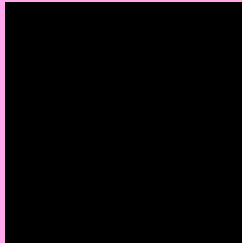
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3214, 0.3319, 0.2609

Background



This preview shows how black text looks on a background with the Yxy color 55.3214, 0.3319, 0.2609.



This preview shows how white text looks on a background with the Yxy color 55.3214, 0.3319, 0.2609.

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

55.3214, 0.3319, 0.2609

Protanopia

55.6273, 0.2631, 0.2595

Deuteranopia

55.6676, 0.2896, 0.2830



Tritanopia

55.3017, 0.3654, 0.3153

Trichromacy



Original Color

55.3214, 0.3319, 0.2609



Protanomaly

54.8851, 0.2852, 0.2596



Deuteranomaly

54.8102, 0.3041, 0.2739



Tritanomaly

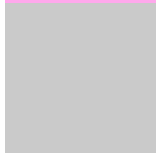
55.2863, 0.3526, 0.2946

Monochromacy



Original Color

55.3214, 0.3319, 0.2609



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.0541, 0.3196, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3214, 0.3319, 0.2609 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 236) }
```

Border

The CSS property to change the border of an element to Yxy 55.3214, 0.3319, 0.2609 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, 236) }
```

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

```
.border{ border-color:rgb(255, 168, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3214, 0.3319, 0.2609 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, 236) }
```

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

```
.background{ background-color: rgb(255,  
168, 236) }
```

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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