

Converting Colors

Yxy(55.3483, 0.3328, 0.2844)

Have a look what the booklet for
Yxy(55.3483, 0.3328, 0.2844)
contains.

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Color

Yxy(55.2595, 0.3334, 0.2844)

Conversions

Conversions Part 1

Format	Color
Hex	F1B1DB
RGB	241, 177, 219
RGB Percent	95%, 69%, 86%
CMY	0.0549, 0.3058, 0.1412
CMYK	0.00, 0.27, 0.09, 0.05
HSL	321°, 70%, 82%
HSV	321°, 27%, 95%
XYZ	64.7803, 55.2595, 74.2622
YIQ	200.9240, 24.6620, 26.6300

Conversions

Conversions Part 2

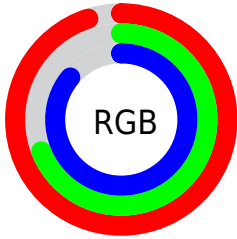
Format	Color
R _Y B	241, 177, 219
Decimal	15839707
CIE Lab	79.19, 29.72, -11.93
CIE LCh	79, 32.019, 338.130
Yxy	55.2595, 0.3334, 0.2844
Android (android.graphics.Color)	4294029787 (0xFFFF1B1DB)
YUV	200.9240, 8.9115, 35.1467
Hunter-Lab	74.3367, 25.4635, -7.1949

Details

The Yxy color **55.2595, 0.3334, 0.2844** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.3780, 0.2967, 0.3783**, and the grayscale version is **58.2925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **27.2860, 0.3382, 0.2740** is the 20% darker color. If you saturate the color by 10%, you get **46.1413, 0.3437, 0.2671**, and if you desaturate by 10%, it is **66.0855, 0.3245, 0.3017**.

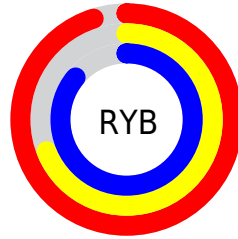
Distribution



Red (95%)

Green (69%)

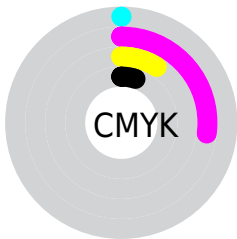
Blue (86%)



Red (95%)

Yellow (69%)

Blue (86%)

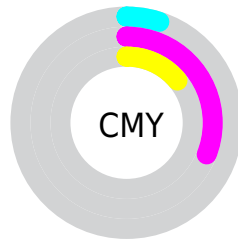


Cyan (0%)

Magenta (27%)

Yellow (9%)

Black (5%)



Cyan (5%)


Magenta (31%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2595, 0.3334, 0.2844 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 55.2595, 0.3334, 0.2844 by changing the saturation by 10% instead.

 55.2595, 0.3334,
0.2844

 55.2595, 0.3334,
0.2844

406.8949, 0.3237,
0.3052

 39.6095, 0.3356,
0.2796


 97.9211, 0.3300,
0.2917

 27.2342, 0.3384,
0.2736


125.7014, 0.3287,
0.2945

 17.7492, 0.3419,
0.2661


158.2941, 0.3276,
0.2969

 10.7701, 0.3465,
0.2561

196.0833, 0.3266,
0.2990

 5.9125, 0.3528,
0.2425

239.4537, 0.3258,
0.3009

 2.7919, 0.3620,
0.2227

288.7894, 0.3250,

 1.0241, 0.3763,

0.3025

0.1916

344.4750, 0.3243,
0.3039

0.0000, 0.4651,
0.0000

0.0000, 0.0000,
0.0000

55.2595, 0.3334,
0.2844

55.2595, 0.3334,
0.2844

46.1413, 0.3437,
0.2671

66.0855, 0.3245,
0.3017

38.6346, 0.3556,
0.2506

78.6939, 0.3170,
0.3185

32.6451, 0.3688,
0.2358

93.1643, 0.3107,
0.3344

28.0655, 0.3832,
0.2239

97.2563, 0.3057,
0.3318

■ 24.7743, 0.3983,
0.2159

■ 97.4392, 0.3041,
0.3290

■ 22.6295, 0.4137,
0.2128

■ 21.4523, 0.4286,
0.2149

■ 21.1720, 0.4338,
0.2163

Harmonies

Analogous

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



55.2595, 0.2907, 0.2656



55.2595, 0.3334, 0.2844



55.2595, 0.3726, 0.3135

Triad

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



55.2595, 0.3334, 0.2844



55.2595, 0.3690, 0.4014



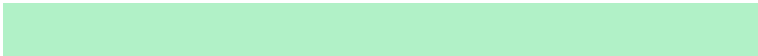
55.2595, 0.2369, 0.3014

Complementary

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



55.2595, 0.3334, 0.2844



76.3780, 0.2967, 0.3783

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.



55.2595, 0.2550, 0.3415



55.2595, 0.3334, 0.2844



55.2595, 0.3305, 0.4032

Square

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



55.2595, 0.3334, 0.2844



55.2595, 0.3933, 0.3797



55.2595, 0.2888, 0.3807



55.2595, 0.2375, 0.2729

Rectangle

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



55.2595, 0.3334, 0.2844



55.2595, 0.3900, 0.3361



55.2595, 0.2888, 0.3807



55.2595, 0.2409, 0.3140

Sweetspot

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



55.2620, 0.3334, 0.2844



87.2242, 0.3180, 0.3160



49.8509, 0.2823, 0.2560



18.1880, 0.3191, 0.3135



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.



55.2620, 0.3334, 0.2844



56.8435, 0.3389, 0.2748



53.7648, 0.3604, 0.3175



15.9337, 0.3191, 0.3136



11.5084, 0.4314, 0.2150



0.9760, 0.4131, 0.2049

Inverse Universe

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



55.2620, 0.3334, 0.2844



56.8435, 0.3389, 0.2748



77.9855, 0.2795, 0.3410



15.9337, 0.3191, 0.3136



11.5084, 0.4314, 0.2150



0.9760, 0.4131, 0.2049

Previews

White Background



This preview shows how the Yxy color 55.2595, 0.3334, 0.2844 looks on a white background.

Color Contrast Check

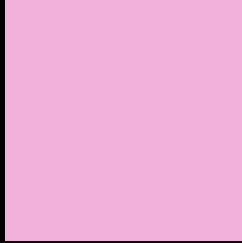
Large Text (above 18pt) WCAG AA × Fail

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 55.2595, 0.3334, 0.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

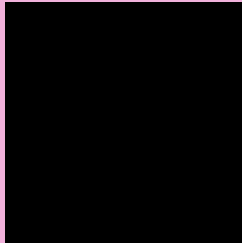
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2595, 0.3334, 0.2844

Background



This preview shows how black text looks on a background with the Yxy color 55.2595, 0.3334, 0.2844.



This preview shows how white text looks on a background with the Yxy color 55.2595, 0.3334, 0.2844.

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

55.2595, 0.3334, 0.2844

Protanopia

55.7469, 0.2839, 0.2868

Deuteranopia

55.3413, 0.3061, 0.3000



Tritanopia

55.1650, 0.3505, 0.3137

Trichromacy



Original Color

55.2595, 0.3334, 0.2844



Protanomaly

55.0678, 0.3006, 0.2847



Deuteranomaly

55.1876, 0.3160, 0.2941



Tritanomaly

55.3529, 0.3439, 0.3030

Monochromacy



Original Color

55.2595, 0.3334, 0.2844



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.8523, 0.3200, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2595, 0.3334, 0.2844 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(241, 177, 219)` looks like.

```
.text, #text, p{  
    color:rgb(241, 177, 219)  
}
```

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(241, 177, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 177, 219) }
```

Border

The CSS property to change the border of an element to Yxy 55.2595, 0.3334, 0.2844 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(241, 177, 219) }
```

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

```
.border{ border-color:rgb(241, 177, 219) }
```

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

Here you see how a box with a 4 pixel rgb(241, 177, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 177, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 177, 219);  
box-shadow:4px 4px 4px 4px rgb(241, 177,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2595, 0.3334, 0.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 177, 219) }
```

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

```
.background{ background-color: rgb(241,  
177, 219) }
```

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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