

Converting Colors

$Y_{xy}(55.2074, 0.3466, 0.2798)$

Have a look what the booklet for
Yxy(55.2074, 0.3466, 0.2798)
contains.

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Color

Yxy(55.0714, 0.3471, 0.2800)

Conversions

Conversions Part 1

Format	Color
Hex	FFAADA
RGB	255, 170, 218
RGB Percent	100%, 67%, 85%
CMY	0.0000, 0.3333, 0.1452
CMYK	0.00, 0.33, 0.15, 0.00
HSL	326°, 100%, 83%
HSV	326°, 33%, 100%
XYZ	68.2689, 55.0714, 73.3433
YIQ	200.8870, 35.2520, 32.9480

Conversions

Conversions Part 2

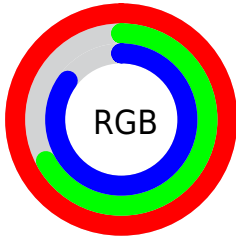
Format	Color
R _Y B	255, 170, 218
Decimal	16755418
CIE Lab	79.08, 37.94, -11.38
CIE LCh	79, 39.613, 343.298
Yxy	55.0714, 0.3471, 0.2800
Android (android.graphics.Color)	4294945498 (0xFFFFAADA)
YUV	200.8870, 8.4367, 47.4571
Hunter-Lab	74.2101, 34.3417, -6.6504

Details

The Yxy color **55.0714, 0.3471, 0.2800** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.5733, 0.2888, 0.3841**, and the grayscale version is **58.2651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **27.0054, 0.3558, 0.2678** is the 20% darker color. If you saturate the color by 10%, you get **45.8586, 0.3617, 0.2652**, and if you desaturate by 10%, it is **66.1792, 0.3346, 0.2952**.

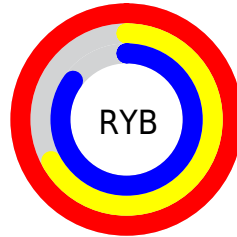
Distribution



Red (100%)

Green (67%)

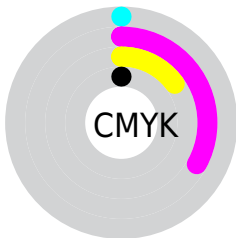
Blue (85%)



Red (100%)

Yellow (67%)

Blue (85%)

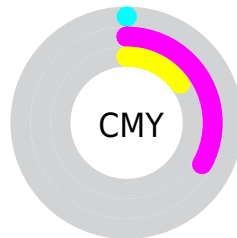


Cyan (0%)

Magenta (33%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (33%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0714, 0.3471, 0.2800 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 55.0714, 0.3471, 0.2800 by changing the saturation by 10% instead.


 55.0714, 0.3471,
0.2800

 55.0714, 0.3471,
0.2800


406.1825, 0.3309,
0.3028

 39.4589, 0.3509,
0.2748


 97.6456, 0.3414,
0.2879

 27.1169, 0.3556,
0.2683


125.3760, 0.3392,
0.2910

 17.6610, 0.3616,
0.2600


157.9145, 0.3373,
0.2937

 10.7069, 0.3696,
0.2492

195.6456, 0.3357,
0.2960

 5.8701, 0.3807,
0.2345

238.9535, 0.3343,
0.2980

 2.7663, 0.3969,
0.2134

288.2227, 0.3330,

 1.0110, 0.4231,

0.2998

0.1806

343.8376, 0.3319,
0.3014

■ 0.0000, 0.5476,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0714, 0.3471,
0.2800

■ 55.0714, 0.3471,
0.2800

■ 45.8586, 0.3617,
0.2652

■ 66.1792, 0.3346,
0.2952

■ 38.4296, 0.3785,
0.2517

■ 79.2788, 0.3241,
0.3101

■ 32.6658, 0.3972,
0.2406

■ 94.4638, 0.3153,
0.3244

■ 28.4331, 0.4174,
0.2332

100.0000, 0.3127,
0.3290

■ 25.5761, 0.4383,
0.2305

■ 23.9060, 0.4590,
0.2332

■ 23.2711, 0.4724,
0.2376

Harmonies

Analogous

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



55.0714, 0.2938, 0.2549



55.0714, 0.3471, 0.2800



55.0714, 0.3937, 0.3163

Triad

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



55.0714, 0.3471, 0.2800



55.0714, 0.3740, 0.4209



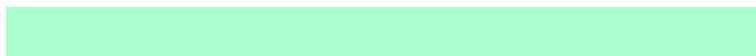
55.0714, 0.2189, 0.2867

Complementary

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



55.0714, 0.3471, 0.2800



84.5733, 0.2888, 0.3841

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.



55.0714, 0.2366, 0.3347



55.0714, 0.3471, 0.2800



55.0714, 0.3247, 0.4196

Square

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



55.0714, 0.3471, 0.2800



55.0714, 0.4085, 0.3959



55.0714, 0.2745, 0.3865



55.0714, 0.2236, 0.2560

Rectangle

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



55.0714, 0.3471, 0.2800



55.0714, 0.4123, 0.3436



55.0714, 0.2745, 0.3865



55.0714, 0.2223, 0.3012

Sweetspot

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



55.0724, 0.3471, 0.2800



84.1008, 0.3210, 0.3150



49.2136, 0.2789, 0.2362



17.5595, 0.3223, 0.3129



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.



55.0724, 0.3471, 0.2800



48.7239, 0.3566, 0.2701



53.1334, 0.3858, 0.3233



18.1588, 0.3205, 0.3157



12.1902, 0.4692, 0.2358



1.2089, 0.4476, 0.2239

Inverse Universe

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



55.0724, 0.3471, 0.2800



48.7239, 0.3566, 0.2701



86.9271, 0.2679, 0.3351



18.1588, 0.3205, 0.3157



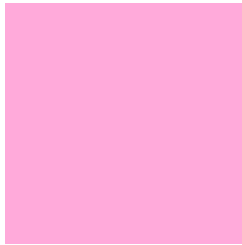
12.1902, 0.4692, 0.2358



1.2089, 0.4476, 0.2239

Previews

White Background



This preview shows how the Yxy color 55.0714, 0.3471, 0.2800 looks on a white background.

Color Contrast Check

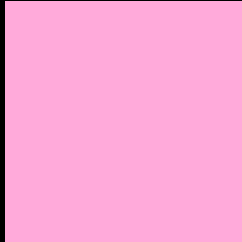
Large Text (above 18pt) WCAG AA × Fail

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 55.0714, 0.3471, 0.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

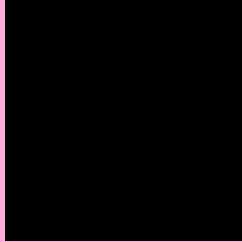
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0714, 0.3471, 0.2800

Background



This preview shows how black text looks on a background with the Yxy color 55.0714, 0.3471, 0.2800.



This preview shows how white text looks on a background with the Yxy color 55.0714, 0.3471, 0.2800.

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

55.0714, 0.3471, 0.2800

Protanopia

55.6621, 0.2805, 0.2833

Deuteranopia

55.3820, 0.3084, 0.3023



Tritanopia

55.0295, 0.3694, 0.3144

Trichromacy



Original Color

55.0714, 0.3471, 0.2800



Protanomaly

54.7163, 0.3022, 0.2816



Deuteranomaly

54.6206, 0.3219, 0.2933



Tritanomaly

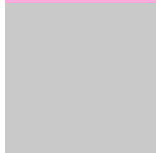
54.9399, 0.3608, 0.3009

Monochromacy



Original Color

55.0714, 0.3471, 0.2800



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.7041, 0.3250, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0714, 0.3471, 0.2800 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, 170, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 218)  
}
```

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, 170, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 218) }
```

Border

The CSS property to change the border of an element to Yxy 55.0714, 0.3471, 0.2800 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, 170, 218) }
```

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

```
.border{ border-color:rgb(255, 170, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0714, 0.3471, 0.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 218) }
```

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

```
.background{ background-color: rgb(255,  
170, 218) }
```

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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