

Converting Colors

$Yxy(55.1455, 0.3484, 0.2971)$

Have a look what the booklet for
Yxy(55.1455, 0.3484, 0.2971)
contains.

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Color

Yxy(55.0997, 0.3488, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	F6B0CE
RGB	246, 176, 206
RGB Percent	96%, 69%, 81%
CMY	0.0354, 0.3097, 0.1921
CMYK	0.00, 0.28, 0.16, 0.04
HSL	334°, 79%, 83%
HSV	334°, 28%, 96%
XYZ	64.6661, 55.0997, 65.6302
YIQ	200.3500, 32.0900, 24.1700

Conversions

Conversions Part 2

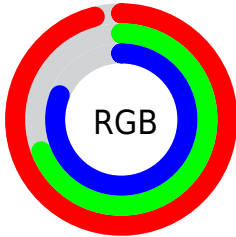
Format	Color
R _Y B	246, 176, 206
Decimal	16167118
CIE Lab	79.10, 29.85, -4.98
CIE LCh	79, 30.265, 350.526
Yxy	55.0997, 0.3488, 0.2972
Android (android.graphics.Color)	4294357198 (0xFFFF6B0CE)
YUV	200.3500, 2.7855, 40.0351
Hunter-Lab	74.2292, 25.6026, -0.4612

Details

The Yxy color **55.0997, 0.3488, 0.2972** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.0831, 0.2870, 0.3634**, and the grayscale version is **57.9549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **27.2517, 0.3582, 0.2894** is the 20% darker color. If you saturate the color by 10%, you get **45.6608, 0.3668, 0.2856**, and if you desaturate by 10%, it is **66.3523, 0.3338, 0.3088**.

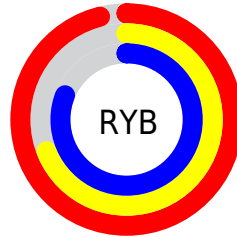
Distribution



Red (96%)

Green (69%)

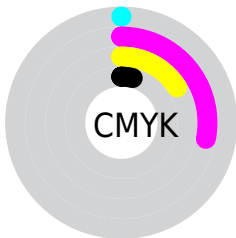
Blue (81%)



Red (96%)

Yellow (69%)

Blue (81%)

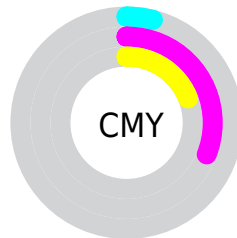


Cyan (0%)

Magenta (28%)

Yellow (16%)

Black (4%)



Cyan (4%)

Magenta (31%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0997, 0.3488, 0.2972 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 55.0997, 0.3488, 0.2972 by changing the saturation by 10% instead.


 55.0997, 0.3488,
0.2972

 55.0997, 0.3488,
0.2972

406.2897, 0.3314,
0.3123

 39.4816, 0.3529,
0.2936


 97.6870, 0.3426,
0.3025

 27.1345, 0.3582,
0.2892


125.4250, 0.3403,
0.3046

 17.6743, 0.3649,
0.2835

157.9717, 0.3383,
0.3063

 10.7164, 0.3740,
0.2759

195.7115, 0.3365,
0.3078

 5.8765, 0.3869,
0.2652

239.0288, 0.3350,
0.3092

 2.7701, 0.4067,
0.2493

288.3080, 0.3337,

 1.0129, 0.4403,

0.3103

0.2230

343.9335, 0.3325,
0.3114

0.0000, 0.7257,
0.0000

0.0000, 0.0000,
0.0000

55.0997, 0.3488,
0.2972

55.0997, 0.3488,
0.2972

45.6608, 0.3668,
0.2856

66.3523, 0.3338,
0.3088

37.9319, 0.3881,
0.2747

79.4997, 0.3214,
0.3200

31.8106, 0.4126,
0.2654

94.6276, 0.3113,
0.3306

27.1802, 0.4400,
0.2590

98.3278, 0.3072,
0.3290

■ 23.9080, 0.4692,
0.2567

■ 21.8374, 0.4985,
0.2597

■ 20.7470, 0.5260,
0.2679

■ 20.6178, 0.5302,
0.2694

Harmonies

Analogous

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



55.0997, 0.3082, 0.2746



55.0997, 0.3488, 0.2972



55.0997, 0.3805, 0.3276

Triad

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



55.0997, 0.3488, 0.2972



55.0997, 0.3522, 0.4009



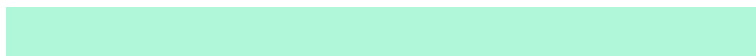
55.0997, 0.2387, 0.2901

Complementary

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



55.0997, 0.3488, 0.2972



80.0831, 0.2870, 0.3634

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.



55.0997, 0.2488, 0.3246



55.0997, 0.3488, 0.2972



55.0997, 0.3131, 0.3928

Square

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



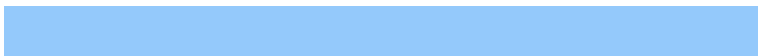
55.0997, 0.3488, 0.2972



55.0997, 0.3818, 0.3874



55.0997, 0.2755, 0.3636



55.0997, 0.2467, 0.2692

Rectangle

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



55.0997, 0.3488, 0.2972



55.0997, 0.3912, 0.3494



55.0997, 0.2755, 0.3636



55.0997, 0.2401, 0.3004

Sweetspot

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



55.1022, 0.3488, 0.2972



85.4057, 0.3221, 0.3194



52.2564, 0.2921, 0.2528



17.8107, 0.3238, 0.3178



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.



55.1022, 0.3488, 0.2972



53.8073, 0.3585, 0.2906



55.6411, 0.3742, 0.3342



16.6005, 0.3226, 0.3189



11.0346, 0.5260, 0.2672



0.9900, 0.4942, 0.2496

Inverse Universe

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



55.1022, 0.3488, 0.2972



53.8073, 0.3585, 0.2906



78.9776, 0.2709, 0.3237



16.6005, 0.3226, 0.3189



11.0346, 0.5260, 0.2672



0.9900, 0.4942, 0.2496

Previews

White Background



This preview shows how the Yxy color 55.0997, 0.3488, 0.2972 looks on a white background.

Color Contrast Check

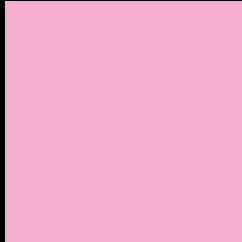
Large Text (above 18pt) WCAG AA × Fail

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 55.0997, 0.3488, 0.2972 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 55.0997, 0.3488, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 55.0997, 0.3488, 0.2972.



This preview shows how white text looks on a background with the Yxy color 55.0997, 0.3488, 0.2972.

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

55.0997, 0.3488, 0.2972

Protanopia

55.4296, 0.2947, 0.3016

Deuteranopia

55.1358, 0.3208, 0.3139



Tritanopia

54.8797, 0.3590, 0.3140

Trichromacy



Original Color

55.0997, 0.3488, 0.2972



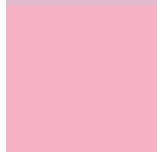
Protanomaly

54.8185, 0.3125, 0.2991



Deuteranomaly

54.9049, 0.3305, 0.3076



Tritanomaly

54.8880, 0.3557, 0.3076

Monochromacy



Original Color

55.0997, 0.3488, 0.2972



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

56.2776, 0.3256, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0997, 0.3488, 0.2972 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(246, 176, 206)` looks like.

```
.text, #text, p{  
    color:rgb(246, 176, 206)  
}
```

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(246, 176, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 176, 206) }
```

Border

The CSS property to change the border of an element to Yxy 55.0997, 0.3488, 0.2972 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(246, 176, 206) }
```

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

```
.border{ border-color:rgb(246, 176, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 176, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 176, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 176, 206);  
box-shadow:4px 4px 4px 4px rgb(246, 176,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0997, 0.3488, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 176, 206) }
```

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

```
.background{ background-color: rgb(246,  
176, 206) }
```

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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