

Converting Colors

Yxy(62.4829, 0.3375, 0.3024)

Have a look what the booklet for
Yxy(62.4829, 0.3375, 0.3024)
contains.

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Color

Yxy(62.5354, 0.3373, 0.3019)

Conversions

Conversions Part 1

Format	Color
Hex	F7C0DA
RGB	247, 192, 218
RGB Percent	97%, 75%, 85%
CMY	0.0313, 0.2471, 0.1450
CMYK	0.00, 0.22, 0.12, 0.03
HSL	332°, 77%, 86%
HSV	332°, 22%, 97%
XYZ	69.8681, 62.5354, 74.7359
YIQ	211.4090, 24.4340, 19.7460

Conversions

Conversions Part 2

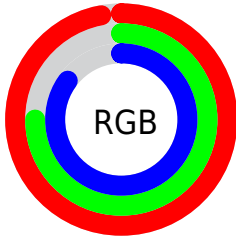
Format	Color
R _Y B	247, 192, 218
Decimal	16236762
CIE Lab	83.20, 23.68, -5.39
CIE LCh	83, 24.281, 347.169
Yxy	62.5354, 0.3373, 0.3019
Android (android.graphics.Color)	4294426842 (0xFFF7C0DA)
YUV	211.4090, 3.2494, 31.2133
Hunter-Lab	79.0793, 19.3194, -0.6780

Details

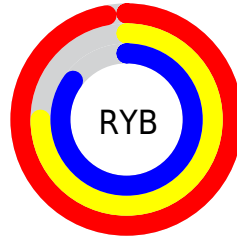
The Yxy color **62.5354, 0.3373, 0.3019** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.9550, 0.2935, 0.3578**, and the grayscale version is **65.3949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **31.7685, 0.3435, 0.2954** is the 20% darker color. If you saturate the color by 10%, you get **51.9311, 0.3521, 0.2891**, and if you desaturate by 10%, it is **75.0191, 0.3250, 0.3144**.

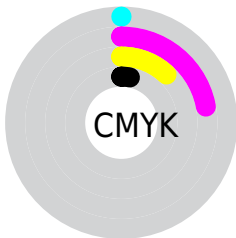
Distribution



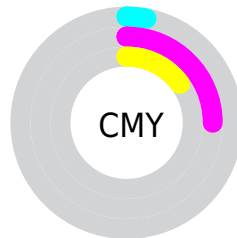
- Red (97%)
- Green (75%)
- Blue (85%)



- Red (97%)
- Yellow (75%)
- Blue (85%)



- Cyan (0%)
- Magenta (22%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5354, 0.3373, 0.3019 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 62.5354, 0.3373, 0.3019 by changing the saturation by 10% instead.

 62.5354, 0.3373,
0.3019

 62.5354, 0.3373,
0.3019

433.8814, 0.3257,
0.3145

 45.4655, 0.3400,
0.2990


 108.4990, 0.3333,
0.3063

 31.8242, 0.3433,
0.2954

138.1614, 0.3317,
0.3080

 21.2273, 0.3476,
0.2908


172.7900, 0.3304,
0.3095

 13.2902, 0.3533,
0.2848

212.7694, 0.3292,
0.3107

 7.6287, 0.3611,
0.2766

258.4838, 0.3282,
0.3119

 3.8583, 0.3727,
0.2646

310.3177, 0.3273,

 1.5946, 0.3915,

0.3129

0.2456

368.6554, 0.3265,
0.3137

0.3540, 0.4508,
0.1741

0.0000, 0.0000,
0.0000

62.5354, 0.3373,
0.3019

62.5354, 0.3373,
0.3019

51.9311, 0.3521,
0.2891

75.0191, 0.3250,
0.3144

43.1059, 0.3697,
0.2765

89.4594, 0.3148,
0.3264

35.9625, 0.3903,
0.2650

98.5165, 0.3078,
0.3290

30.3912, 0.4136,
0.2556

■ 26.2689, 0.4391,
0.2496

■ 23.4540, 0.4658,
0.2484

■ 21.7757, 0.4920,
0.2526

■ 21.0578, 0.5113,
0.2591

Harmonies

Analogous

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



62.5354, 0.3061, 0.2849



62.5354, 0.3373, 0.3019



62.5354, 0.3626, 0.3256

Triad

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



62.5354, 0.3373, 0.3019



62.5354, 0.3466, 0.3836



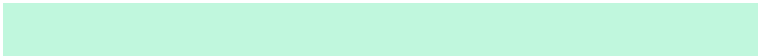
62.5354, 0.2551, 0.3021

Complementary

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



62.5354, 0.3373, 0.3019



82.9550, 0.2935, 0.3578

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.



62.5354, 0.2649, 0.3294



62.5354, 0.3373, 0.3019



62.5354, 0.3169, 0.3788

Square

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



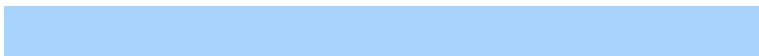
62.5354, 0.3373, 0.3019



62.5354, 0.3678, 0.3727



62.5354, 0.2871, 0.3584



62.5354, 0.2598, 0.2840

Rectangle

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



62.5354, 0.3373, 0.3019



62.5354, 0.3721, 0.3428



62.5354, 0.2871, 0.3584



62.5354, 0.2568, 0.3105

Sweetspot

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



62.5382, 0.3373, 0.3019



88.5443, 0.3194, 0.3208



59.6961, 0.2953, 0.2700



18.7514, 0.3200, 0.3201



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.



62.5382, 0.3373, 0.3019



61.5411, 0.3440, 0.2958



61.6844, 0.3582, 0.3301



16.6131, 0.3219, 0.3179



11.1637, 0.5074, 0.2569



1.0018, 0.4779, 0.2407

Inverse Universe

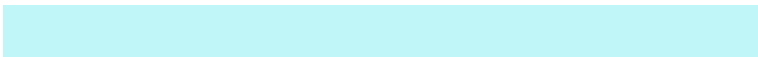
The Inverse Universe completely reimagines the original color for something new.



62.5382, 0.3373, 0.3019



61.5411, 0.3440, 0.2958



83.8922, 0.2795, 0.3279



16.6131, 0.3219, 0.3179



11.1637, 0.5074, 0.2569



1.0018, 0.4779, 0.2407

Previews

White Background



This preview shows how the Yxy color 62.5354, 0.3373, 0.3019 looks on a white background.

Color Contrast Check

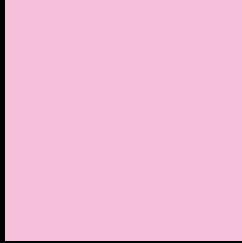
Large Text (above 18pt) WCAG AA × Fail

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 62.5354, 0.3373, 0.3019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

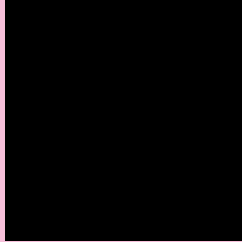
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5354, 0.3373, 0.3019

Background



This preview shows how black text looks on a background with the Yxy color 62.5354, 0.3373, 0.3019.



This preview shows how white text looks on a background with the Yxy color 62.5354, 0.3373, 0.3019.

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

62.5354, 0.3373, 0.3019

Protanopia

62.8105, 0.2984, 0.3053

Deuteranopia

62.5784, 0.3197, 0.3125



Tritanopia

62.7799, 0.3433, 0.3133

Trichromacy



Original Color

62.5354, 0.3373, 0.3019

Protanomaly

62.5273, 0.3116, 0.3037

Deuteranomaly

62.5537, 0.3254, 0.3085

Tritanomaly

62.4862, 0.3411, 0.3091

Monochromacy



Original Color

62.5354, 0.3373, 0.3019

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.8881, 0.3209, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5354, 0.3373, 0.3019 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(247, 192, 218)` looks like.

```
.text, #text, p{  
    color:rgb(247, 192, 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(247, 192, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 192, 218) }
```

Border

The CSS property to change the border of an element to Yxy 62.5354, 0.3373, 0.3019 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(247, 192, 218) }
```

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

```
.border{ border-color:rgb(247, 192, 218) }
```

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

Here you see how a box with a 4 pixel rgb(247, 192, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 192, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 192, 218);  
box-shadow:4px 4px 4px 4px rgb(247, 192,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5354, 0.3373, 0.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 192, 218) }
```

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

```
.background{ background-color: rgb(247,  
192, 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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