

Converting Colors

Yxy(63.4023, 0.3563, 0.3239)

Have a look what the booklet for
Yxy(63.4023, 0.3563, 0.3239)
contains.

Yxy(63.4025, 0.3563, 0.3239)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.4025, 0.3563, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	FCC2C7
RGB	252, 194, 199
RGB Percent	99%, 76%, 78%
CMY	0.0118, 0.2392, 0.2196
CMYK	0.00, 0.23, 0.21, 0.01
HSL	355°, 91%, 87%
HSV	355°, 23%, 99%
XYZ	69.7447, 63.4025, 62.5999
YIQ	211.9120, 32.9630, 13.8510

Conversions

Conversions Part 2

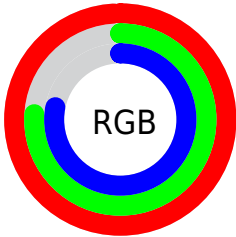
Format	Color
R _Y B	252, 194, 199
Decimal	16564935
CIE Lab	83.65, 21.44, 5.51
CIE LCh	84, 22.139, 14.420
Yxy	63.4025, 0.3563, 0.3239
Android (android.graphics.Color)	4294755015 (0xFFFC2C7)
YUV	211.9120, -6.3656, 35.1572
Hunter-Lab	79.6257, 17.0045, 9.1255

Details

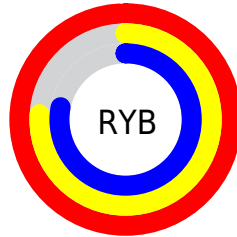
The Yxy color **63.4025, 0.3563, 0.3239** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.8029, 0.2811, 0.3342**, and the grayscale version is **65.8053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **32.4026, 0.3681, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **52.1330, 0.3832, 0.3216**, and if you desaturate by 10%, it is **76.7415, 0.3346, 0.3262**.

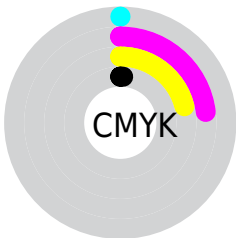
Distribution



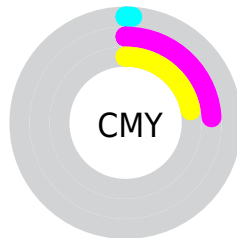
- Red (99%)
- Green (76%)
- Blue (78%)



- Red (99%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (1%)




- Cyan (1%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4025, 0.3563, 0.3239 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 63.4025, 0.3563, 0.3239 by changing the saturation by 10% instead.


 63.4025, 0.3563,
0.3239

 63.4025, 0.3563,
0.3239

437.0288, 0.3355,
0.3266

 46.1669, 0.3612,
0.3232

 109.7500, 0.3489,
0.3249

 32.3775, 0.3674,
0.3223


139.6307, 0.3461,
0.3253

 21.6500, 0.3753,
0.3211


174.4952, 0.3437,
0.3256

 13.6000, 0.3859,
0.3193

214.7279, 0.3416,
0.3258

 7.8430, 0.4009,
0.3167

260.7132, 0.3398,
0.3261

 3.9946, 0.4233,
0.3124


312.8355, 0.3382,

 1.6706, 0.4605,


0.3263


0.3043


371.4793, 0.3368,
0.3264


 0.4045, 0.6644,
0.2954


 0.0000, 0.0000,
0.0000


 63.4025, 0.3563,
0.3239

 63.4025, 0.3563,
0.3239


 52.1330, 0.3832,
0.3216


 76.7415, 0.3346,
0.3262

 42.8212, 0.4162,
0.3194

 92.2371, 0.3172,
0.3284

 35.3578, 0.4555,
0.3177

 99.4345, 0.3109,
0.3290

 29.6196, 0.4998,
0.3168

■ 25.4682, 0.5459,
0.3174

■ 22.7439, 0.5879,
0.3196

■ 21.2535, 0.6192,
0.3233

■ 20.7514, 0.6328,
0.3259

Harmonies

Analogous

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



63.4025, 0.3326, 0.3026



63.4025, 0.3563, 0.3239



63.4025, 0.3679, 0.3473

Triad

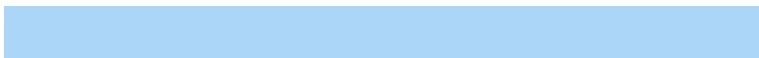
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.4025, 0.3563, 0.3239



63.4025, 0.3193, 0.3751



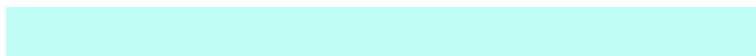
63.4025, 0.2636, 0.2892

Complementary

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



63.4025, 0.3563, 0.3239



87.8029, 0.2811, 0.3342

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.



63.4025, 0.2605, 0.3067



63.4025, 0.3563, 0.3239



63.4025, 0.2918, 0.3577

Square

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



63.4025, 0.3563, 0.3239



63.4025, 0.3458, 0.3782



63.4025, 0.2706, 0.3320



63.4025, 0.2792, 0.2827

Rectangle

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



63.4025, 0.3563, 0.3239



63.4025, 0.3670, 0.3614



63.4025, 0.2706, 0.3320



63.4025, 0.2611, 0.2939

Sweetspot

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



63.4054, 0.3563, 0.3239



88.1289, 0.3237, 0.3275



65.2432, 0.3111, 0.2708



18.6554, 0.3247, 0.3274



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.



63.4054, 0.3563, 0.3239



59.0822, 0.3691, 0.3227



74.3200, 0.3551, 0.3530



17.2495, 0.3280, 0.3270



10.8187, 0.6307, 0.3248



1.0100, 0.6107, 0.3138

Inverse Universe

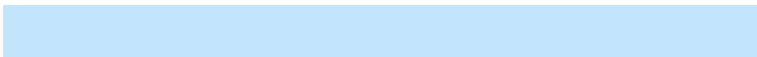
The Inverse Universe completely reimagines the original color for something new.



63.4054, 0.3563, 0.3239



59.0822, 0.3691, 0.3227



74.4263, 0.2766, 0.3037



17.2495, 0.3280, 0.3270



10.8187, 0.6307, 0.3248



1.0100, 0.6107, 0.3138

Previews

White Background



This preview shows how the Yxy color 63.4025, 0.3563, 0.3239 looks on a white background.

Color Contrast Check

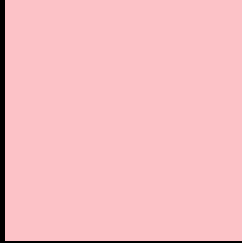
Large Text (above 18pt) WCAG AA × Fail

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 63.4025, 0.3563, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

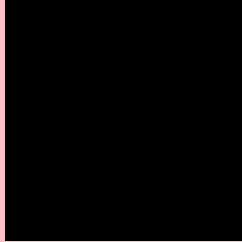
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4025, 0.3563, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 63.4025, 0.3563, 0.3239.



This preview shows how white text looks on a background with the Yxy color 63.4025, 0.3563, 0.3239.

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

63.4025, 0.3563, 0.3239

Protanopia

63.7629, 0.3172, 0.3302

Deuteranopia

63.6419, 0.3402, 0.3335



Tritanopia

63.5766, 0.3500, 0.3136

Trichromacy



Original Color

63.4025, 0.3563, 0.3239

Protanomaly

63.4024, 0.3307, 0.3279

Deuteranomaly

63.4493, 0.3463, 0.3302

Tritanomaly

63.4304, 0.3524, 0.3167

Monochromacy



Original Color

63.4025, 0.3563, 0.3239

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.4985, 0.3282, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4025, 0.3563, 0.3239 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(252, 194, 199)` looks like.

```
.text, #text, p{  
    color:rgb(252, 194, 199)  
}
```

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(252, 194, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 194, 199) }
```

Border

The CSS property to change the border of an element to Yxy 63.4025, 0.3563, 0.3239 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(252, 194, 199) }
```

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

```
.border{ border-color:rgb(252, 194, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 194, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 194, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 194, 199);  
box-shadow:4px 4px 4px 4px rgb(252, 194,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4025, 0.3563, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 194, 199) }
```

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

```
.background{ background-color: rgb(252,  
194, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor