

Converting Colors

$Y_{xy}(63.9127, 0.3582, 0.3230)$

Have a look what the booklet for
Yxy(63.9127, 0.3582, 0.3230)
contains.

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Color

Yxy(64.0137, 0.3580, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2C8
RGB	255, 194, 200
RGB Percent	100%, 76%, 78%
CMY	0.0000, 0.2393, 0.2157
CMYK	0.00, 0.24, 0.22, 0.00
HSL	354°, 100%, 88%
HSV	354°, 24%, 100%
XYZ	70.9721, 64.0137, 63.2604
YIQ	212.9230, 34.4300, 14.7980

Conversions

Conversions Part 2

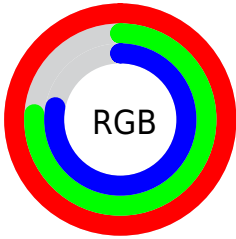
Format	Color
R _Y B	255, 194, 200
Decimal	16761544
CIE Lab	83.97, 22.70, 5.48
CIE LCh	84, 23.349, 13.576
Yxy	64.0137, 0.3580, 0.3229
Android (android.graphics.Color)	4294951624 (0xFFFFC2C8)
YUV	212.9230, -6.3710, 36.9015
Hunter-Lab	80.0086, 18.3247, 9.1272

Details

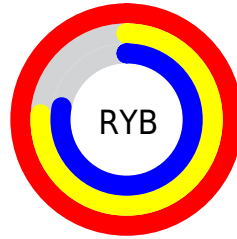
The Yxy color **64.0137, 0.3580, 0.3229** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.8253, 0.2803, 0.3353**, and the grayscale version is **66.5038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **32.7018, 0.3692, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **52.6190, 0.3850, 0.3202**, and if you desaturate by 10%, it is **77.5024, 0.3361, 0.3256**.

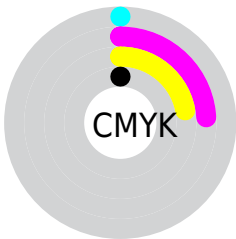
Distribution



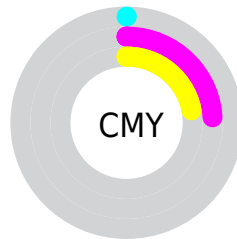
- Red (100%)
- Green (76%)
- Blue (78%)



- Red (100%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0137, 0.3580, 0.3229 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 64.0137, 0.3580, 0.3229 by changing the saturation by 10% instead.

 64.0137, 0.3580,
0.3229

 64.0137, 0.3580,
0.3229

439.2391, 0.3364,
0.3261

 46.6618, 0.3631,
0.3221


 110.6307, 0.3504,
0.3241

 32.7684, 0.3695,
0.3210


140.6645, 0.3475,
0.3245

 21.9490, 0.3777,
0.3196


175.6944, 0.3450,
0.3249

 13.8195, 0.3886,
0.3176

216.1048, 0.3428,
0.3252

 7.9952, 0.4040,
0.3147

262.2801, 0.3409,
0.3255

 4.0919, 0.4270,
0.3099


314.6046, 0.3392,


 1.7251, 0.4649,


0.3257


0.3010


373.4628, 0.3377,
0.3259


 0.4398, 0.6464,
0.2904


 0.0000, 0.0000,
0.0000


 64.0137, 0.3580,
0.3229

 64.0137, 0.3580,
0.3229

 52.6190, 0.3850,
0.3202


 77.5024, 0.3361,
0.3256

 43.2341, 0.4182,
0.3177

 93.2065, 0.3186,
0.3281

 35.7355, 0.4574,
0.3158

100.0000, 0.3127,
0.3290

 29.9955, 0.5016,
0.3149

■ 25.8703, 0.5473,
0.3156

■ 23.1936, 0.5887,
0.3182

■ 21.7627, 0.6193,
0.3225

■ 21.3309, 0.6313,
0.3251

Harmonies

Analogous

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



64.0137, 0.3328, 0.3007



64.0137, 0.3580, 0.3229



64.0137, 0.3707, 0.3474

Triad

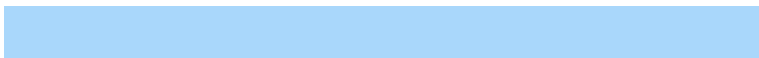
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.0137, 0.3580, 0.3229



64.0137, 0.3204, 0.3778



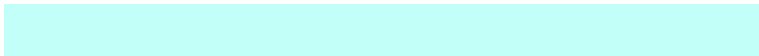
64.0137, 0.2609, 0.2875

Complementary

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



64.0137, 0.3580, 0.3229



89.8253, 0.2803, 0.3353

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.



64.0137, 0.2581, 0.3062



64.0137, 0.3580, 0.3229



64.0137, 0.2915, 0.3599

Square

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



64.0137, 0.3580, 0.3229



64.0137, 0.3481, 0.3806



64.0137, 0.2690, 0.3329



64.0137, 0.2769, 0.2805

Rectangle

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



64.0137, 0.3580, 0.3229



64.0137, 0.3699, 0.3624



64.0137, 0.2690, 0.3329



64.0137, 0.2584, 0.2925

Sweetspot

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



64.0063, 0.3580, 0.3229



88.1420, 0.3236, 0.3273



65.9170, 0.3110, 0.2684



18.6584, 0.3246, 0.3272



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.



64.0063, 0.3580, 0.3229



57.9739, 0.3710, 0.3215



75.4995, 0.3571, 0.3541



18.0162, 0.3279, 0.3267



11.1554, 0.6290, 0.3239



1.0954, 0.6080, 0.3123

Inverse Universe

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



64.0063, 0.3580, 0.3229



57.9739, 0.3710, 0.3215



75.6114, 0.2751, 0.3025



18.0162, 0.3279, 0.3267



11.1554, 0.6290, 0.3239



1.0954, 0.6080, 0.3123

Previews

White Background



This preview shows how the Yxy color 64.0137, 0.3580, 0.3229 looks on a white background.

Color Contrast Check

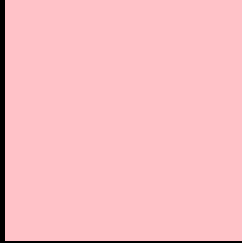
Large Text (above 18pt) WCAG AA × Fail

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 64.0137, 0.3580, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

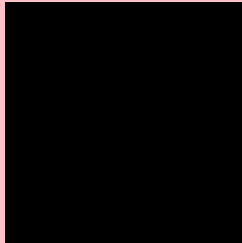
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0137, 0.3580, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 64.0137, 0.3580, 0.3229.



This preview shows how white text looks on a background with the Yxy color 64.0137, 0.3580, 0.3229.

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

64.0137, 0.3580, 0.3229

Protanopia

64.4511, 0.3172, 0.3301

Deuteranopia

64.2815, 0.3408, 0.3345



Tritanopia

63.9540, 0.3516, 0.3137

Trichromacy



Original Color

64.0137, 0.3580, 0.3229

Protanomaly

64.2515, 0.3314, 0.3280

Deuteranomaly

64.3093, 0.3470, 0.3302

Tritanomaly

63.8077, 0.3541, 0.3167

Monochromacy



Original Color

64.0137, 0.3580, 0.3229

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.1907, 0.3282, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0137, 0.3580, 0.3229 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, 194, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 200)  
}
```

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, 194, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 200) }
```

Border

The CSS property to change the border of an element to Yxy 64.0137, 0.3580, 0.3229 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, 194, 200) }
```

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

```
.border{ border-color:rgb(255, 194, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 194, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 194, 200); box-shadow:4px 4px 4px 4px rgb(255, 194, 200) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0137, 0.3580, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 200) }
```

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

```
.background{ background-color: rgb(255,  
194, 200) }
```

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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