

Converting Colors

$Yxy(63.6947, 0.3580, 0.3344)$

Have a look what the booklet for
Yxy(63.6947, 0.3580, 0.3344)
contains.

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Color

Yxy(63.6947, 0.3580, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	F8C5C0
RGB	248, 197, 192
RGB Percent	97%, 77%, 75%
CMY	0.0275, 0.2274, 0.2469
CMYK	0.00, 0.21, 0.23, 0.03
HSL	5°, 80%, 86%
HSV	5°, 23%, 97%
XYZ	68.1899, 63.6947, 58.5900
YIQ	211.6790, 32.0010, 9.2570

Conversions

Conversions Part 2

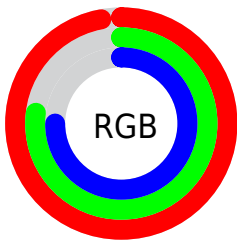
Format	Color
RYB	248, 197, 192
Decimal	16303552
CIELab	83.81, 17.41, 9.41
CIELCh	84, 19.786, 28.386
Yxy	63.6947, 0.3580, 0.3344
Android (android.graphics.Color)	4294493632 (0xFFFF8C5C0)
YUV	211.6790, -9.7017, 31.8535
Hunter-Lab	79.8090, 12.8472, 12.3398

Details

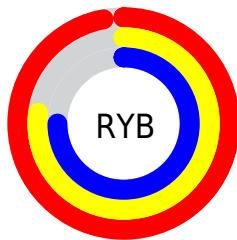
The Yxy color **63.6947, 0.3580, 0.3344** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0924, 0.2788, 0.3235**, and the grayscale version is **65.6660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9209, 0.3168, 0.3347**, and **32.5854, 0.3694, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **53.1854, 0.3860, 0.3370**, and if you desaturate by 10%, it is **75.9328, 0.3352, 0.3319**.

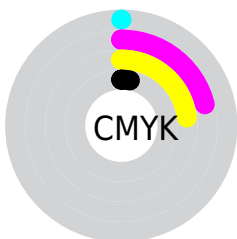
Distribution



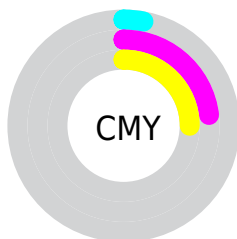
- Red (97%)
- Green (77%)
- Blue (75%)



- Red (97%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (21%)
- Yellow (23%)
- Black (3%)




- Cyan (3%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6947, 0.3580, 0.3344 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 63.6947, 0.3580, 0.3344 by changing the saturation by 10% instead.


 63.6947, 0.3580,
0.3344

 63.6947, 0.3580,
0.3344


438.0863, 0.3364,
0.3322

 46.4034, 0.3631,
0.3348


 110.1711, 0.3503,
0.3337

 32.5643, 0.3695,
0.3353


140.1251, 0.3474,
0.3334

 21.7929, 0.3778,
0.3358


175.0688, 0.3449,
0.3332

 13.7048, 0.3889,
0.3363

215.3865, 0.3427,
0.3329

 7.9156, 0.4044,
0.3367

261.4628, 0.3408,
0.3327

 4.0410, 0.4277,
0.3367

313.6819, 0.3392,

 1.6965, 0.4661,

0.3325

0.3350

372.4283, 0.3377,
0.3324

0.4214, 0.6620,
0.3380

0.0000, 0.0000,
0.0000

63.6947, 0.3580,
0.3344

63.6947, 0.3580,
0.3344

53.1854, 0.3860,
0.3370

75.9328, 0.3352,
0.3319

44.3186, 0.4199,
0.3394

89.9633, 0.3168,
0.3296

37.0138, 0.4597,
0.3415

98.6929, 0.3084,
0.3290

31.1804, 0.5044,
0.3427

■ 26.7183, 0.5502,
0.3425

■ 23.5150, 0.5914,
0.3406

■ 21.4398, 0.6214,
0.3370

■ 20.5285, 0.6348,
0.3342

Harmonies

Analogous

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



63.6947, 0.3413, 0.3138



63.6947, 0.3580, 0.3344



63.6947, 0.3620, 0.3546

Triad

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



63.6947, 0.3580, 0.3344



63.6947, 0.3070, 0.3641



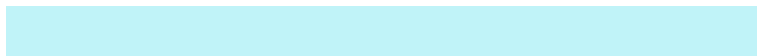
63.6947, 0.2740, 0.2894

Complementary

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



63.6947, 0.3580, 0.3344



82.0924, 0.2788, 0.3235

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.



63.6947, 0.2657, 0.3008



63.6947, 0.3580, 0.3344



63.6947, 0.2842, 0.3444

Square

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



63.6947, 0.3580, 0.3344



63.6947, 0.3319, 0.3731



63.6947, 0.2694, 0.3208



63.6947, 0.2924, 0.2884

Rectangle

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



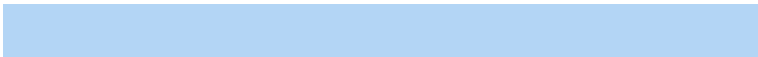
63.6947, 0.3580, 0.3344



63.6947, 0.3569, 0.3652



63.6947, 0.2694, 0.3208



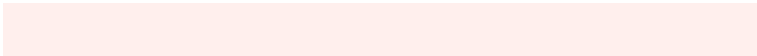
63.6947, 0.2699, 0.2921

Sweetspot

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



63.6976, 0.3580, 0.3344



88.9623, 0.3245, 0.3306



64.1586, 0.3188, 0.2772



18.8476, 0.3257, 0.3307



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.



63.6976, 0.3580, 0.3344



62.6301, 0.3698, 0.3356



77.4327, 0.3518, 0.3629



17.4732, 0.3292, 0.3312



11.1745, 0.6334, 0.3353



1.1166, 0.6193, 0.3465

Inverse Universe

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



82.0924, 0.2788, 0.3235



85.3542, 0.2726, 0.3223



66.7649, 0.2764, 0.2926



19.3291, 0.2980, 0.3268



33.1368, 0.2169, 0.3009



3.1441, 0.2179, 0.3045

Previews

White Background



This preview shows how the Yxy color 63.6947, 0.3580, 0.3344 looks on a white background.

Color Contrast Check

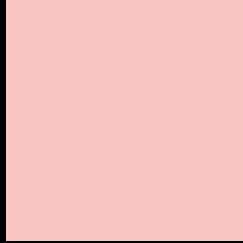
Large Text (above 18pt) WCAG AA × Fail

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 63.6947, 0.3580, 0.3344 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 63.6947, 0.3580, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 63.6947, 0.3580, 0.3344.



This preview shows how white text looks on a background with the Yxy color 63.6947, 0.3580, 0.3344.

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

63.6947, 0.3580, 0.3344

Protanopia

63.7879, 0.3259, 0.3404

Deuteranopia

63.8355, 0.3480, 0.3411



Tritanopia

63.5110, 0.3466, 0.3135

Trichromacy



Original Color

63.6947, 0.3580, 0.3344

Protanomaly

63.6652, 0.3374, 0.3380

Deuteranomaly

63.5954, 0.3516, 0.3389

Tritanomaly

63.4817, 0.3504, 0.3207

Monochromacy



Original Color

63.6947, 0.3580, 0.3344

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.0410, 0.3279, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6947, 0.3580, 0.3344 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(248, 197, 192)` looks like.

```
.text, #text, p{  
    color:rgb(248, 197, 192)  
}
```

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(248, 197, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 197, 192) }
```

Border

The CSS property to change the border of an element to Yxy 63.6947, 0.3580, 0.3344 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(248, 197, 192) }
```

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

```
.border{ border-color:rgb(248, 197, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 197, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 197, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 197, 192);  
box-shadow:4px 4px 4px 4px rgb(248, 197,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6947, 0.3580, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 197, 192) }
```

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

```
.background{ background-color: rgb(248,  
197, 192) }
```

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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