

Converting Colors

Yxy(56.0460, 0.3746, 0.3343)

Have a look what the booklet for
Yxy(56.0460, 0.3746, 0.3343)
contains.

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Color

Yxy(55.9565, 0.3750, 0.3346)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F7B5B0 |
| RGB | 247, 181, 176 |
| RGB Percent | 97%, 71%, 69% |
| CMY | 0.0314, 0.2901, 0.3098 |
| CMYK | 0.00, 0.27, 0.29, 0.03 |
| HSL | 4°, 82%, 83% |
| HSV | 4°, 29%, 97% |
| XYZ | 62.7128, 55.9565, 48.5648 |
| YIQ | 200.1640, 40.9410, 12.4370 |

Conversions

Conversions Part 2

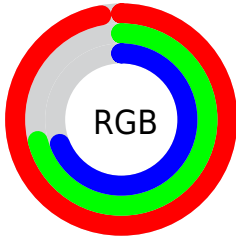
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 247, 181, 176 |
| Decimal | 16233904 |
| CIE Lab | 79.59, 23.27, 12.00 |
| CIE LCh | 80, 26.177, 27.283 |
| Yxy | 55.9565, 0.3750, 0.3346 |
| Android (android.graphics.Color) | 4294423984 (0xFFFF7B5B0) |
| YUV | 200.1640, -11.9129, 41.0752 |
| Hunter-Lab | 74.8041, 18.7401, 13.8702 |

Details

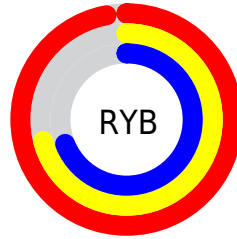
The Yxy color **55.9565, 0.3750, 0.3346** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.4236, 0.2704, 0.3233**, and the grayscale version is **57.9219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6546, 0.3280, 0.3340**, and **27.7124, 0.3908, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **46.4906, 0.4069, 0.3366**, and if you desaturate by 10%, it is **67.1429, 0.3489, 0.3326**.

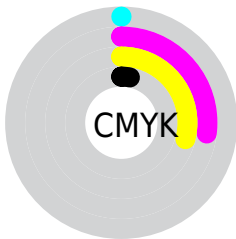
Distribution



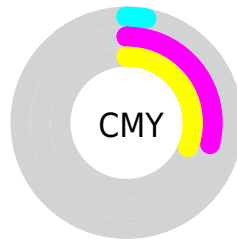
- Red (97%)
- Green (71%)
- Blue (69%)



- Red (97%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (27%)
- Yellow (29%)
- Black (3%)





- Cyan (3%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9565, 0.3750, 0.3346 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 55.9565, 0.3750, 0.3346 by changing the saturation by 10% instead.

 55.9565, 0.3750,
0.3346

 55.9565, 0.3750,
0.3346

409.5275, 0.3445,
0.3326

 40.1680, 0.3824,
0.3349


 98.9410, 0.3641,
0.3340

 27.6696, 0.3918,
0.3351


126.9058, 0.3599,
0.3338

 18.0767, 0.4040,
0.3353


159.6982, 0.3564,
0.3335

 11.0051, 0.4206,
0.3351

197.7025, 0.3534,
0.3333

 6.0703, 0.4444,
0.3342

241.3032, 0.3507,
0.3331

 2.8879, 0.4810,
0.3313

290.8847, 0.3484,

 1.0735, 0.5658,

0.3329

346.8314, 0.3463,
0.3327

0.3352

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9565, 0.3750,
0.3346

55.9565, 0.3750,
0.3346

46.4906, 0.4069,
0.3366

67.1429, 0.3489,
0.3326

38.6525, 0.4451,
0.3384

80.1209, 0.3278,
0.3306

32.3526, 0.4888,
0.3397

94.9672, 0.3108,
0.3288

27.4898, 0.5353,
0.3400

98.5110, 0.3078,
0.3290

■ 23.9505, 0.5794,
0.3389

■ 21.6044, 0.6141,
0.3364

■ 20.2909, 0.6344,
0.3333

■ 20.1868, 0.6362,
0.3331

Harmonies

Analogous

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



55.9565, 0.3510, 0.3071



55.9565, 0.3750, 0.3346



55.9565, 0.3811, 0.3623

Triad

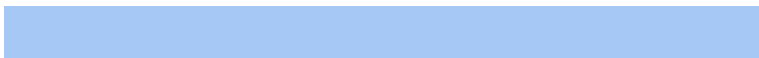
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.9565, 0.3750, 0.3346



55.9565, 0.3056, 0.3791



55.9565, 0.2591, 0.2751

Complementary

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



55.9565, 0.3750, 0.3346



79.4236, 0.2704, 0.3233

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.



55.9565, 0.2486, 0.2905



55.9565, 0.3750, 0.3346



55.9565, 0.2744, 0.3515

Square

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



55.9565, 0.3750, 0.3346



55.9565, 0.3398, 0.3907



55.9565, 0.2540, 0.3182



55.9565, 0.2835, 0.2737

Rectangle

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



55.9565, 0.3750, 0.3346



55.9565, 0.3742, 0.3776



55.9565, 0.2540, 0.3182



55.9565, 0.2539, 0.2787

Sweetspot

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



55.9591, 0.3750, 0.3346



85.7492, 0.3283, 0.3306



57.2443, 0.3197, 0.2617



17.8938, 0.3311, 0.3309



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.



55.9591, 0.3750, 0.3346



54.5387, 0.3912, 0.3357



72.1298, 0.3646, 0.3714



16.6707, 0.3292, 0.3307



10.7502, 0.6349, 0.3341



1.0092, 0.6227, 0.3438

Inverse Universe

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



79.4236, 0.2704, 0.3233



83.2459, 0.2635, 0.3221



60.4503, 0.2660, 0.2824



18.5452, 0.2981, 0.3273



33.4304, 0.2185, 0.3067



2.9973, 0.2194, 0.3097

Previews

White Background



This preview shows how the Yxy color 55.9565, 0.3750, 0.3346 looks on a white background.

Color Contrast Check

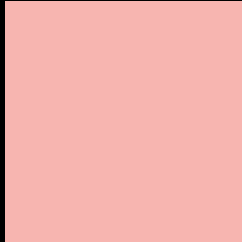
Large Text (above 18pt) WCAG AA × Fail

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 55.9565, 0.3750, 0.3346 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 55.9565, 0.3750, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 55.9565, 0.3750, 0.3346.



This preview shows how white text looks on a background with the Yxy color 55.9565, 0.3750, 0.3346.

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

55.9565, 0.3750, 0.3346

Protanopia

56.2306, 0.3281, 0.3447

Deuteranopia

55.8905, 0.3551, 0.3475



Tritanopia

56.1857, 0.3631, 0.3153

Trichromacy



Original Color

55.9565, 0.3750, 0.3346

Protanomaly

55.8134, 0.3448, 0.3407

Deuteranomaly

55.9594, 0.3620, 0.3426

Tritanomaly

56.1441, 0.3673, 0.3227

Monochromacy



Original Color

55.9565, 0.3750, 0.3346

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.6532, 0.3339, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9565, 0.3750, 0.3346 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, 181, 176)` looks like.

```
.text, #text, p{  
    color:rgb(247, 181, 176)  
}
```

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, 181, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 181, 176) }
```

Border

The CSS property to change the border of an element to Yxy 55.9565, 0.3750, 0.3346 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, 181, 176) }
```

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

```
.border{ border-color:rgb(247, 181, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 181, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 181, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 181, 176);  
box-shadow:4px 4px 4px 4px rgb(247, 181,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9565, 0.3750, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 181, 176) }
```

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

```
.background{ background-color: rgb(247,  
181, 176) }
```

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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