

Converting Colors

$Y_{xy}(55.7802, 0.3659, 0.3250)$

Have a look what the booklet for
Yxy(55.7802, 0.3659, 0.3250)
contains.

Yxy(55.9209, 0.3662, 0.3259)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.9209, 0.3662, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	F5B5B8
RGB	245, 181, 184
RGB Percent	96%, 71%, 72%
CMY	0.0392, 0.2902, 0.2784
CMYK	0.00, 0.26, 0.25, 0.04
HSL	357°, 76%, 84%
HSV	357°, 26%, 96%
XYZ	62.8359, 55.9209, 52.8323
YIQ	200.4780, 37.1810, 14.5010

Conversions

Conversions Part 2

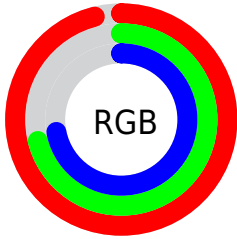
Format	Color
R _Y B	245, 181, 184
Decimal	16102840
CIE Lab	79.57, 23.64, 7.61
CIE LCh	80, 24.833, 17.853
Yxy	55.9209, 0.3662, 0.3259
Android (android.graphics.Color)	4294292920 (0xFFFF5B5B8)
YUV	200.4780, -8.1237, 39.0458
Hunter-Lab	74.7803, 19.1235, 10.4578

Details

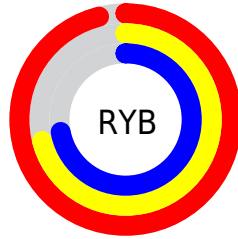
The Yxy color **55.9209, 0.3662, 0.3259** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.5487, 0.2760, 0.3322**, and the grayscale version is **58.1049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1196, 0.3229, 0.3261**, and **27.7684, 0.3810, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **45.9205, 0.3962, 0.3247**, and if you desaturate by 10%, it is **67.8402, 0.3420, 0.3271**.

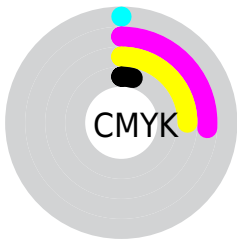
Distribution



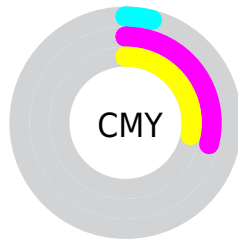
- Red (96%)
- Green (71%)
- Blue (72%)



- Red (96%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (26%)
- Yellow (25%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9209, 0.3662, 0.3259 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 55.9209, 0.3662, 0.3259 by changing the saturation by 10% instead.

 55.9209, 0.3662,
0.3259

 55.9209, 0.3662,
0.3259

409.3933, 0.3401,
0.3278

 40.1395, 0.3725,
0.3253


 98.8889, 0.3568,
0.3267

 27.6473, 0.3806,
0.3245


126.8443, 0.3533,
0.3270

 18.0600, 0.3911,
0.3233


159.6265, 0.3503,
0.3272

 10.9931, 0.4053,
0.3216

197.6199, 0.3477,
0.3274

 6.0622, 0.4259,
0.3186

241.2089, 0.3454,
0.3275

 2.8829, 0.4577,
0.3132

290.7779, 0.3434,

 1.0709, 0.5187,

0.3276

0.3046

346.7112, 0.3416,
0.3278

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9209, 0.3662,
0.3259

55.9209, 0.3662,
0.3259

45.9205, 0.3962,
0.3247

67.8402, 0.3420,
0.3271

37.7316, 0.4327,
0.3236

81.7629, 0.3226,
0.3283

31.2479, 0.4754,
0.3229

97.7783, 0.3071,
0.3294

26.3491, 0.5222,
0.3228

98.1551, 0.3066,
0.3290

■ 22.8994, 0.5683,
0.3236

■ 20.7398, 0.6067,
0.3253

■ 19.6736, 0.6310,
0.3276

■ 19.4405, 0.6366,
0.3280

Harmonies

Analogous

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



55.9209, 0.3395, 0.3008



55.9209, 0.3662, 0.3259



55.9209, 0.3778, 0.3529

Triad

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



55.9209, 0.3662, 0.3259



55.9209, 0.3163, 0.3818



55.9209, 0.2570, 0.2810

Complementary

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



55.9209, 0.3662, 0.3259



81.5487, 0.2760, 0.3322

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.



55.9209, 0.2517, 0.2998



55.9209, 0.3662, 0.3259



55.9209, 0.2849, 0.3596

Square

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



55.9209, 0.3662, 0.3259



55.9209, 0.3479, 0.3871



55.9209, 0.2616, 0.3286



55.9209, 0.2765, 0.2753

Rectangle

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



55.9209, 0.3662, 0.3259



55.9209, 0.3751, 0.3690



55.9209, 0.2616, 0.3286



55.9209, 0.2536, 0.2858

Sweetspot

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



55.9235, 0.3662, 0.3259



86.4784, 0.3259, 0.3281



58.4852, 0.3132, 0.2634



18.0009, 0.3287, 0.3279



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.



55.9235, 0.3662, 0.3259



55.5727, 0.3802, 0.3253



68.7488, 0.3611, 0.3598



16.4951, 0.3286, 0.3279



10.4771, 0.6352, 0.3273



0.9252, 0.6230, 0.3206

Inverse Universe

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



55.9235, 0.3662, 0.3259



55.5727, 0.3802, 0.3253



65.6354, 0.2713, 0.2961



16.4951, 0.3286, 0.3279



10.4771, 0.6352, 0.3273



0.9252, 0.6230, 0.3206

Previews

White Background



This preview shows how the Yxy color 55.9209, 0.3662, 0.3259 looks on a white background.

Color Contrast Check

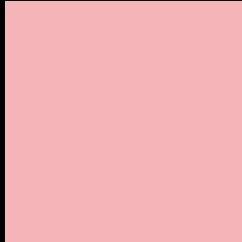
Large Text (above 18pt) WCAG AA × Fail

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 55.9209, 0.3662, 0.3259 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 55.9209, 0.3662, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 55.9209, 0.3662, 0.3259.



This preview shows how white text looks on a background with the Yxy color 55.9209, 0.3662, 0.3259.

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

55.9209, 0.3662, 0.3259

Protanopia

56.3393, 0.3197, 0.3338

Deuteranopia

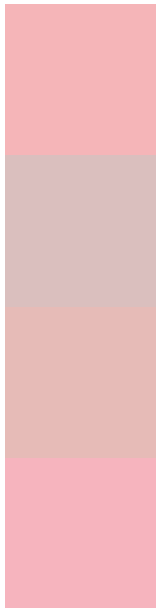
56.1686, 0.3457, 0.3395



Tritanopia

56.0856, 0.3594, 0.3152

Trichromacy



Original Color

55.9209, 0.3662, 0.3259

Protanomaly

55.8847, 0.3359, 0.3302

Deuteranomaly

55.7825, 0.3526, 0.3336

Tritanomaly

55.9531, 0.3620, 0.3184

Monochromacy



Original Color

55.9209, 0.3662, 0.3259

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.6339, 0.3307, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9209, 0.3662, 0.3259 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(245, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(245, 181, 184)  
}
```

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(245, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 181, 184) }
```

Border

The CSS property to change the border of an element to Yxy 55.9209, 0.3662, 0.3259 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(245, 181, 184) }
```

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

```
.border{ border-color:rgb(245, 181, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(245, 181,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9209, 0.3662, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 181, 184) }
```

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

```
.background{ background-color: rgb(245,  
181, 184) }
```

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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