

Converting Colors

Yxy(53.4329, 0.3759, 0.3260)

Have a look what the booklet for
Yxy(53.4329, 0.3759, 0.3260)
contains.

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Color

Yxy(53.2206, 0.3762, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	F7AEB1
RGB	247, 174, 177
RGB Percent	97%, 68%, 69%
CMY	0.0313, 0.3177, 0.3057
CMYK	0.00, 0.30, 0.28, 0.03
HSL	358°, 82%, 83%
HSV	358°, 30%, 97%
XYZ	61.4348, 53.2206, 48.6481
YIQ	196.1690, 42.5450, 16.4090

Conversions

Conversions Part 2

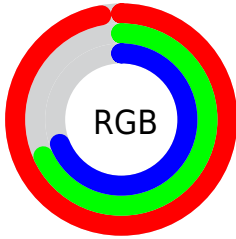
Format	Color
R _Y B	247, 174, 177
Decimal	16232113
CIE Lab	78.01, 27.12, 9.18
CIE LCh	78, 28.628, 18.705
Yxy	53.2206, 0.3762, 0.3259
Android (android.graphics.Color)	4294422193 (0xFFF7AEB1)
YUV	196.1690, -9.4503, 44.5788
Hunter-Lab	72.9525, 22.6517, 11.5294

Details

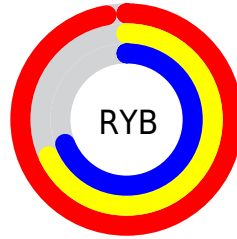
The Yxy color **53.2206, 0.3762, 0.3259** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0555, 0.2715, 0.3323**, and the grayscale version is **55.3500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7368, 0.3281, 0.3261**, and **25.9742, 0.3928, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **43.6769, 0.4086, 0.3249**, and if you desaturate by 10%, it is **64.6879, 0.3499, 0.3270**.

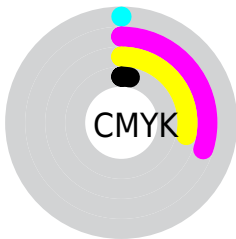
Distribution



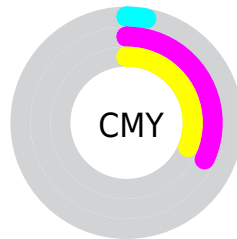
- Red (97%)
- Green (68%)
- Blue (69%)



- Red (97%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (30%)
- Yellow (28%)
- Black (3%)




- Cyan (3%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2206, 0.3762, 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 53.2206, 0.3762, 0.3259 by changing the saturation by 10% instead.

 53.2206, 0.3762,
0.3259

 53.2206, 0.3762,
0.3259


399.1309, 0.3449,
0.3280

 37.9789, 0.3839,
0.3252


 94.9289, 0.3649,
0.3268

 25.9663, 0.3936,
0.3242


122.1643, 0.3607,
0.3271

 16.7984, 0.4064,
0.3228


154.1664, 0.3570,
0.3274

 10.0909, 0.4239,
0.3205

191.3195, 0.3539,
0.3275

 5.4593, 0.4493,
0.3166

234.0082, 0.3512,
0.3277

 2.5192, 0.4889,
0.3091

282.6167, 0.3489,

 0.8862, 0.5834,

0.3278

0.3053

337.5295, 0.3468,
0.3280

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.2206, 0.3762,
0.3259

53.2206, 0.3762,
0.3259

43.6769, 0.4086,
0.3249

64.6879, 0.3499,
0.3270

35.9445, 0.4476,
0.3240

78.1679, 0.3289,
0.3280

29.9111, 0.4923,
0.3236

93.7536, 0.3120,
0.3290

25.4489, 0.5398,
0.3238

98.5158, 0.3078,
0.3290

■ 22.4118, 0.5840,
0.3248

■ 20.6268, 0.6178,
0.3265

■ 19.8244, 0.6365,
0.3283

■ 19.7983, 0.6370,
0.3283

Harmonies

Analogous

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



53.2206, 0.3450, 0.2969



53.2206, 0.3762, 0.3259



53.2206, 0.3892, 0.3571

Triad

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



53.2206, 0.3762, 0.3259



53.2206, 0.3155, 0.3910



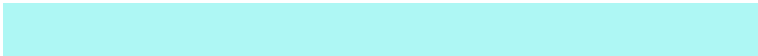
53.2206, 0.2484, 0.2725

Complementary

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



53.2206, 0.3762, 0.3259



82.0555, 0.2715, 0.3323

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.



53.2206, 0.2418, 0.2936



53.2206, 0.3762, 0.3259



53.2206, 0.2791, 0.3642

Square

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



53.2206, 0.3762, 0.3259



53.2206, 0.3527, 0.3975



53.2206, 0.2526, 0.3272



53.2206, 0.2712, 0.2668

Rectangle

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



53.2206, 0.3762, 0.3259



53.2206, 0.3855, 0.3759



53.2206, 0.2526, 0.3272



53.2206, 0.2443, 0.2779

Sweetspot

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



53.2231, 0.3762, 0.3259



84.8849, 0.3279, 0.3281



56.1060, 0.3132, 0.2547



17.6833, 0.3306, 0.3280



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.



53.2231, 0.3762, 0.3259



51.3237, 0.3932, 0.3253



67.3863, 0.3688, 0.3640



16.4937, 0.3287, 0.3281



10.4749, 0.6357, 0.3276



0.9245, 0.6249, 0.3216

Inverse Universe

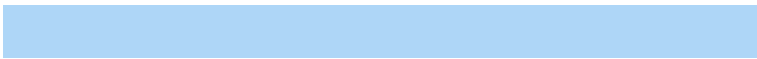
The Inverse Universe completely reimagines the original color for something new.



53.2231, 0.3762, 0.3259



51.3237, 0.3932, 0.3253



63.8857, 0.2658, 0.2911



16.4937, 0.3287, 0.3281



10.4749, 0.6357, 0.3276



0.9245, 0.6249, 0.3216

Previews

White Background



This preview shows how the Yxy color 53.2206, 0.3762, 0.3259 looks on a white background.

Color Contrast Check

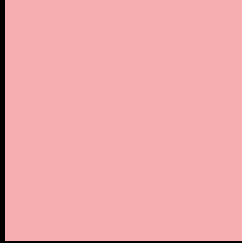
Large Text (above 18pt) WCAG AA × Fail

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 53.2206, 0.3762, 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 53.2206, 0.3762, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 53.2206, 0.3762, 0.3259.



This preview shows how white text looks on a background with the Yxy color 53.2206, 0.3762, 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

53.2206, 0.3762, 0.3259

Protanopia

53.2929, 0.3214, 0.3352

Deuteranopia

53.2730, 0.3500, 0.3420



Tritanopia

53.3888, 0.3691, 0.3152

Trichromacy



Original Color

53.2206, 0.3762, 0.3259

Protanomaly

52.7158, 0.3409, 0.3314

Deuteranomaly

53.2485, 0.3589, 0.3360

Tritanomaly

53.2625, 0.3719, 0.3184

Monochromacy



Original Color

53.2206, 0.3762, 0.3259

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.0876, 0.3346, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2206, 0.3762, 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(247, 174, 177)` looks like.

```
.text, #text, p{  
    color:rgb(247, 174, 177)  
}
```

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, 174, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 174, 177) }
```

Border

The CSS property to change the border of an element to Yxy 53.2206, 0.3762, 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(247, 174, 177) }
```

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

```
.border{ border-color:rgb(247, 174, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 174, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 174, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 174, 177);  
box-shadow:4px 4px 4px 4px rgb(247, 174,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2206, 0.3762, 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(247, 174, 177) }
```

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

```
.background{ background-color: rgb(247,  
174, 177) }
```

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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