

Converting Colors

$Y_{xy}(54.9284, 0.3729, 0.3304)$

Have a look what the booklet for
Yxy(54.9284, 0.3729, 0.3304)
contains.

Yxy(55.0474, 0.3729, 0.3303)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.0474, 0.3729, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	F6B3B2
RGB	246, 179, 178
RGB Percent	96%, 70%, 70%
CMY	0.0355, 0.2979, 0.3020
CMYK	0.00, 0.27, 0.28, 0.04
HSL	1°, 79%, 83%
HSV	1°, 28%, 96%
XYZ	62.1471, 55.0474, 49.4643
YIQ	198.9190, 40.2530, 13.8930

Conversions

Conversions Part 2

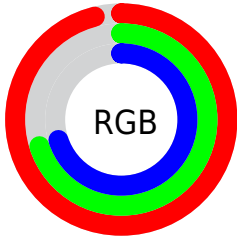
Format	Color
R _Y B	246, 179, 178
Decimal	16167858
CIE Lab	79.07, 24.20, 10.16
CIE LCh	79, 26.244, 22.786
Yxy	55.0474, 0.3729, 0.3303
Android (android.graphics.Color)	4294357938 (0xFFFF6B3B2)
YUV	198.9190, -10.3131, 41.2900
Hunter-Lab	74.1939, 19.6776, 12.4077

Details

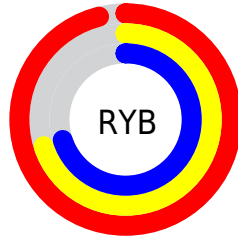
The Yxy color **55.0474, 0.3729, 0.3303** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.3625, 0.2723, 0.3277**, and the grayscale version is **57.1071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6172, 0.3269, 0.3300**, and **27.0937, 0.3893, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **45.2767, 0.4052, 0.3308**, and if you desaturate by 10%, it is **66.7052, 0.3467, 0.3298**.

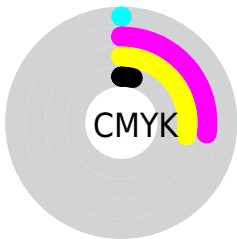
Distribution



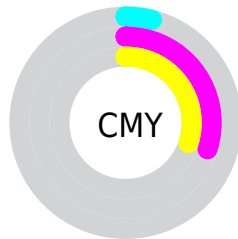
- Red (96%)
- Green (70%)
- Blue (70%)



- Red (96%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (27%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0474, 0.3729, 0.3303 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 55.0474, 0.3729, 0.3303 by changing the saturation by 10% instead.


 55.0474, 0.3729,
0.3303

 55.0474, 0.3729,
0.3303


406.0916, 0.3434,
0.3303

 39.4397, 0.3801,
0.3301


 97.6104, 0.3623,
0.3304

 27.1019, 0.3892,
0.3298


125.3345, 0.3583,
0.3304

 17.6498, 0.4011,
0.3293


157.8661, 0.3549,
0.3304

 10.6989, 0.4174,
0.3282

195.5897, 0.3519,
0.3304

 5.8647, 0.4408,
0.3261

238.8896, 0.3494,
0.3304

 2.7630, 0.4770,
0.3215

288.1503, 0.3471,

 1.0093, 0.5582,

0.3304

343.7562, 0.3451,
0.3303

0.3203

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.0474, 0.3729,
0.3303

55.0474, 0.3729,
0.3303

45.2767, 0.4052,
0.3308

66.7052, 0.3467,
0.3298

37.2868, 0.4442,
0.3313

80.3338, 0.3258,
0.3293

30.9727, 0.4893,
0.3317

96.0212, 0.3091,
0.3289

26.2151, 0.5373,
0.3318

98.3230, 0.3071,
0.3290

■ 22.8791, 0.5826,
0.3317

■ 20.8072, 0.6174,
0.3312

■ 19.8021, 0.6364,
0.3306

■ 19.6647, 0.6393,
0.3306

Harmonies

Analogous

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



55.0474, 0.3466, 0.3031



55.0474, 0.3729, 0.3303



55.0474, 0.3820, 0.3586

Triad

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



55.0474, 0.3729, 0.3303



55.0474, 0.3107, 0.3825



55.0474, 0.2561, 0.2761

Complementary

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



55.0474, 0.3729, 0.3303



81.3625, 0.2723, 0.3277

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.



55.0474, 0.2479, 0.2937



55.0474, 0.3729, 0.3303



55.0474, 0.2783, 0.3565

Square

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



55.0474, 0.3729, 0.3303



55.0474, 0.3449, 0.3913



55.0474, 0.2558, 0.3230



55.0474, 0.2788, 0.2726

Rectangle

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



55.0474, 0.3729, 0.3303



55.0474, 0.3770, 0.3749



55.0474, 0.2558, 0.3230



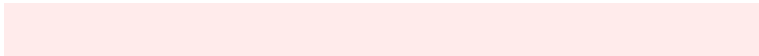
55.0474, 0.2517, 0.2804

Sweetspot

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



55.0500, 0.3729, 0.3303



86.6014, 0.3265, 0.3293



58.0711, 0.3159, 0.2601



18.0315, 0.3294, 0.3294



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.



55.0500, 0.3729, 0.3303



53.7520, 0.3896, 0.3306



69.8685, 0.3635, 0.3651



16.5231, 0.3293, 0.3294



10.5197, 0.6390, 0.3308



0.9386, 0.6362, 0.3331

Inverse Universe

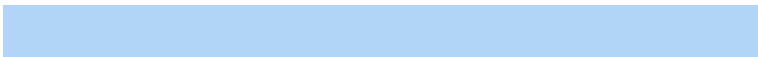
The Inverse Universe completely reimagines the original color for something new.



81.3625, 0.2723, 0.3277



86.5624, 0.2654, 0.3275



63.1859, 0.2685, 0.2899



18.7117, 0.2981, 0.3286



37.5432, 0.2234, 0.3241



3.3134, 0.2235, 0.3247

Previews

White Background



This preview shows how the Yxy color 55.0474, 0.3729, 0.3303 looks on a white background.

Color Contrast Check

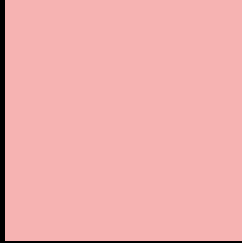
Large Text (above 18pt) WCAG AA × Fail

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 55.0474, 0.3729, 0.3303 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 55.0474, 0.3729, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 55.0474, 0.3729, 0.3303.



This preview shows how white text looks on a background with the Yxy color 55.0474, 0.3729, 0.3303.

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

55.0474, 0.3729, 0.3303

Protanopia

55.1746, 0.3244, 0.3387

Deuteranopia

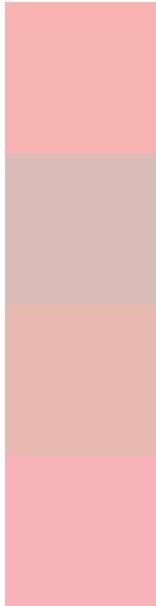
55.0594, 0.3511, 0.3442



Tritanopia

54.9800, 0.3627, 0.3141

Trichromacy



Original Color

55.0474, 0.3729, 0.3303

Protanomaly

54.7613, 0.3411, 0.3349

Deuteranomaly

54.8612, 0.3590, 0.3382

Tritanomaly

55.1601, 0.3669, 0.3206

Monochromacy



Original Color

55.0474, 0.3729, 0.3303

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.0598, 0.3332, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0474, 0.3729, 0.3303 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(246, 179, 178)` looks like.

```
.text, #text, p{  
    color:rgb(246, 179, 178)  
}
```

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(246, 179, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 179, 178) }
```

Border

The CSS property to change the border of an element to Yxy 55.0474, 0.3729, 0.3303 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(246, 179, 178) }
```

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

```
.border{ border-color:rgb(246, 179, 178) }
```

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

Here you see how a box with a 4 pixel rgb(246, 179, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 179, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 179, 178);  
box-shadow:4px 4px 4px 4px rgb(246, 179,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0474, 0.3729, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 179, 178) }
```

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

```
.background{ background-color: rgb(246,  
179, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor