

Converting Colors

$Y_{xy}(56.2659, 0.3707, 0.3244)$

Have a look what the booklet for
Yxy(56.2659, 0.3707, 0.3244)
contains.

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Color

Yxy(56.4272, 0.3708, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	FAB4B8
RGB	250, 180, 184
RGB Percent	98%, 71%, 72%
CMY	0.0196, 0.2941, 0.2784
CMYK	0.00, 0.28, 0.26, 0.02
HSL	357°, 88%, 84%
HSV	357°, 28%, 98%
XYZ	64.3989, 56.4272, 52.8495
YIQ	201.3860, 40.4360, 16.0840

Conversions

Conversions Part 2

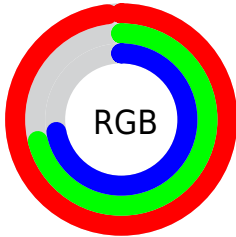
Format	Color
R _Y B	250, 180, 184
Decimal	16430264
CIE Lab	79.86, 25.98, 8.09
CIE LCh	80, 27.211, 17.300
Yxy	56.4272, 0.3708, 0.3249
Android (android.graphics.Color)	4294620344 (0xFF FAB4B8)
YUV	201.3860, -8.5713, 42.6345
Hunter-Lab	75.1180, 21.5720, 10.8690

Details

The Yxy color **56.4272, 0.3708, 0.3249** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.7309, 0.2739, 0.3333**, and the grayscale version is **58.6980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5422, 0.3230, 0.3251**, and **28.0239, 0.3861, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **46.3220, 0.4017, 0.3234**, and if you desaturate by 10%, it is **68.5227, 0.3458, 0.3264**.

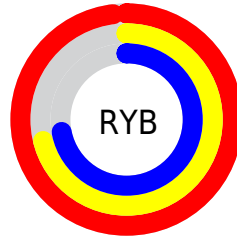
Distribution



Red (98%)

Green (71%)

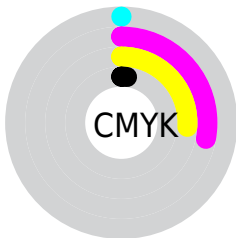
Blue (72%)



Red (98%)

Yellow (71%)

Blue (72%)

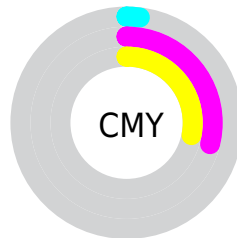


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (2%)



Cyan (2%)


Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4272, 0.3708, 0.3249 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 56.4272, 0.3708, 0.3249 by changing the saturation by 10% instead.


 56.4272, 0.3708,
0.3249

 56.4272, 0.3708,
0.3249


411.2995, 0.3425,
0.3274

 40.5455, 0.3777,
0.3242


 99.6289, 0.3607,
0.3259

 27.9641, 0.3863,
0.3232


127.7178, 0.3568,
0.3262

 18.2986, 0.3977,
0.3217


160.6444, 0.3535,
0.3265

 11.1646, 0.4130,
0.3196

198.7934, 0.3507,
0.3268

 6.1777, 0.4351,
0.3160

242.5490, 0.3482,
0.3270

 2.9534, 0.4690,
0.3096

292.2956, 0.3461,

 1.1075, 0.5329,

0.3271

0.2990

348.4176, 0.3442,
0.3273

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4272, 0.3708,
0.3249

56.4272, 0.3708,
0.3249

46.3220, 0.4017,
0.3234

68.5227, 0.3458,
0.3264

38.0932, 0.4391,
0.3222

82.6988, 0.3258,
0.3279

31.6274, 0.4824,
0.3214

99.0466, 0.3098,
0.3293

26.7960, 0.5292,
0.3214

99.0647, 0.3096,
0.3290

■ 23.4525, 0.5744,
0.3224

■ 21.4247, 0.6109,
0.3246

■ 20.4803, 0.6329,
0.3274

■ 20.3572, 0.6358,
0.3276

Harmonies

Analogous

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



56.4272, 0.3413, 0.2979



56.4272, 0.3708, 0.3249



56.4272, 0.3838, 0.3542

Triad

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



56.4272, 0.3708, 0.3249



56.4272, 0.3172, 0.3872



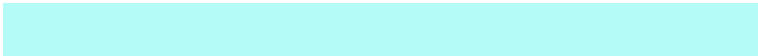
56.4272, 0.2519, 0.2769

Complementary

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



56.4272, 0.3708, 0.3249



84.7309, 0.2739, 0.3333

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.



56.4272, 0.2465, 0.2974



56.4272, 0.3708, 0.3249



56.4272, 0.2828, 0.3632

Square

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



56.4272, 0.3708, 0.3249



56.4272, 0.3516, 0.3925



56.4272, 0.2574, 0.3291



56.4272, 0.2727, 0.2707

Rectangle

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



56.4272, 0.3708, 0.3249



56.4272, 0.3811, 0.3719



56.4272, 0.2574, 0.3291



56.4272, 0.2483, 0.2822

Sweetspot

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



56.4298, 0.3708, 0.3249



86.4905, 0.3258, 0.3279



59.0196, 0.3123, 0.2584



18.0039, 0.3285, 0.3277



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.



56.4298, 0.3708, 0.3249



52.4034, 0.3887, 0.3240



69.8799, 0.3656, 0.3609



17.2413, 0.3285, 0.3277



10.8042, 0.6342, 0.3267



1.0061, 0.6202, 0.3190

Inverse Universe

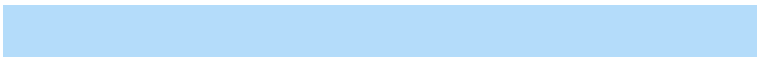
The Inverse Universe completely reimagines the original color for something new.



56.4298, 0.3708, 0.3249



52.4034, 0.3887, 0.3240



67.6197, 0.2684, 0.2947



17.2413, 0.3285, 0.3277



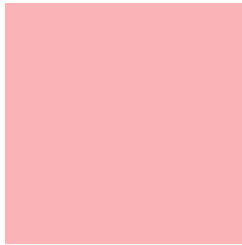
10.8042, 0.6342, 0.3267



1.0061, 0.6202, 0.3190

Previews

White Background



This preview shows how the Yxy color 56.4272, 0.3708, 0.3249 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 56.4272, 0.3708, 0.3249 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 56.4272, 0.3708, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 56.4272, 0.3708, 0.3249.



This preview shows how white text looks on a background with the Yxy color 56.4272, 0.3708, 0.3249.

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

56.4272, 0.3708, 0.3249

Protanopia

56.5241, 0.3197, 0.3326

Deuteranopia

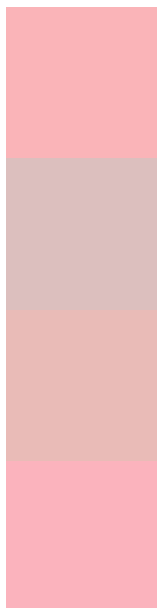
56.4863, 0.3474, 0.3394



Tritanopia

56.5552, 0.3648, 0.3154

Trichromacy



Original Color

56.4272, 0.3708, 0.3249

Protanomaly

56.1950, 0.3375, 0.3302

Deuteranomaly

56.2832, 0.3552, 0.3336

Tritanomaly

56.4236, 0.3675, 0.3186

Monochromacy



Original Color

56.4272, 0.3708, 0.3249

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.1401, 0.3324, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4272, 0.3708, 0.3249 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(250, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(250, 180, 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(250, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 180, 184) }
```

Border

The CSS property to change the border of an element to Yxy 56.4272, 0.3708, 0.3249 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(250, 180, 184) }
```

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

```
.border{ border-color:rgb(250, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(250, 180,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4272, 0.3708, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 180, 184) }
```

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

```
.background{ background-color: rgb(250,  
180, 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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