

Converting Colors

$Y_{xy}(59.8510, 0.3721, 0.3504)$

Have a look what the booklet for
Yxy(59.8510, 0.3721, 0.3504)
contains.

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Color

Yxy(59.9109, 0.3725, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	F4C0AC
RGB	244, 192, 172
RGB Percent	96%, 75%, 67%
CMY	0.0432, 0.2470, 0.3256
CMYK	0.00, 0.21, 0.30, 0.04
HSL	17°, 77%, 82%
HSV	17°, 30%, 96%
XYZ	63.5988, 59.9109, 47.2253
YIQ	205.2680, 37.4120, 4.8040

Conversions

Conversions Part 2

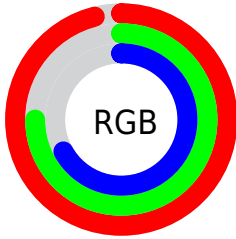
Format	Color
RYB	244, 200, 172
Decimal	16040108
CIELab	81.79, 15.82, 17.21
CIELCh	82, 23.378, 47.412
Yxy	59.9109, 0.3725, 0.3509
Android (android.graphics.Color)	4294230188 (0xFFFF4C0AC)
YUV	205.2680, -16.4011, 33.9680
Hunter-Lab	77.4021, 11.2138, 18.0069

Details

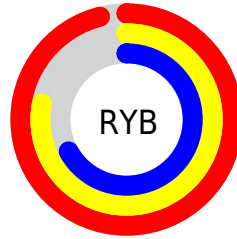
The Yxy color **59.9109, 0.3725, 0.3509** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.5794, 0.2675, 0.3059**, and the grayscale version is **61.3183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5574, 0.3298, 0.3505**, and **30.0978, 0.3883, 0.3545** is the 20% darker color. If you saturate the color by 10%, you get **51.7846, 0.4005, 0.3586**, and if you desaturate by 10%, it is **69.1400, 0.3487, 0.3431**.

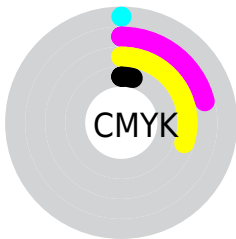
Distribution



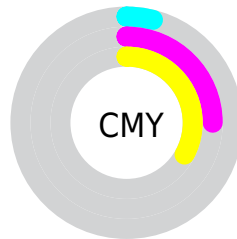
- Red (96%)
- Green (75%)
- Blue (67%)



- Red (96%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (4%)





- Cyan (4%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9109, 0.3725, 0.3509 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 59.9109, 0.3725, 0.3509 by changing the saturation by 10% instead.


 59.9109, 0.3725,
0.3509

 59.9109, 0.3725,
0.3509

424.2693, 0.3436,
0.3411

 43.3468, 0.3794,
0.3530

 104.7004, 0.3622,
0.3476

 30.1573, 0.3881,
0.3555


133.6946, 0.3583,
0.3463

 19.9580, 0.3993,
0.3586

167.6010, 0.3550,
0.3451

 12.3645, 0.4143,
0.3624

206.8040, 0.3521,
0.3441

 6.9925, 0.4354,
0.3669

251.6879, 0.3495,
0.3433

 3.4574, 0.4668,
0.3719

302.6371, 0.3473,

 1.3749, 0.5435,

0.3425

0.3941

360.0361, 0.3454,
0.3418

0.1981, 0.7436,
0.2564

0.0000, 0.0000,
0.0000

59.9109, 0.3725,
0.3509

59.9109, 0.3725,
0.3509

51.7846, 0.4005,
0.3586

69.1400, 0.3487,
0.3431

44.7108, 0.4328,
0.3657

79.5031, 0.3287,
0.3357

38.6476, 0.4689,
0.3713

91.0406, 0.3120,
0.3287

33.5469, 0.5072,
0.3743

97.9711, 0.3060,
0.3290

■ 29.3563, 0.5448,
0.3735

■ 26.0177, 0.5778,
0.3681

■ 23.4600, 0.6031,
0.3589

■ 23.3541, 0.6042,
0.3585

Harmonies

Analogous

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



59.9109, 0.3616, 0.3259



59.9109, 0.3725, 0.3509



59.9109, 0.3664, 0.3718

Triad

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



59.9109, 0.3725, 0.3509



59.9109, 0.2875, 0.3575



59.9109, 0.2790, 0.2794

Complementary

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



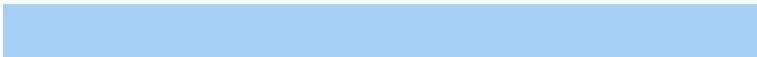
59.9109, 0.3725, 0.3509



68.5794, 0.2675, 0.3059

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.



59.9109, 0.2611, 0.2849



59.9109, 0.3725, 0.3509



59.9109, 0.2658, 0.3292

Square

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



59.9109, 0.3725, 0.3509



59.9109, 0.3166, 0.3775



59.9109, 0.2564, 0.3026



59.9109, 0.3065, 0.2860

Rectangle

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



59.9109, 0.3725, 0.3509



59.9109, 0.3538, 0.3804



59.9109, 0.2564, 0.3026



59.9109, 0.2717, 0.2798

Sweetspot

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



59.9137, 0.3725, 0.3509



88.4932, 0.3278, 0.3353



54.1488, 0.3317, 0.2737



18.5644, 0.3305, 0.3364



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.



59.9137, 0.3725, 0.3509



61.0871, 0.3875, 0.3552



77.2474, 0.3620, 0.3870



17.2332, 0.3287, 0.3357



12.8969, 0.6014, 0.3607



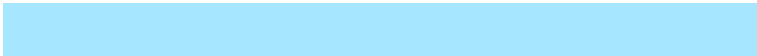
1.2994, 0.5770, 0.3800

Inverse Universe

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



68.5794, 0.2675, 0.3059



71.9826, 0.2594, 0.3008



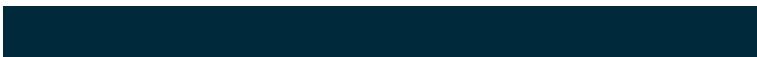
51.5960, 0.2628, 0.2634



17.9324, 0.2980, 0.3223



20.6960, 0.1989, 0.2358



1.9913, 0.2025, 0.2489

Previews

White Background



This preview shows how the Yxy color 59.9109, 0.3725, 0.3509 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 59.9109, 0.3725, 0.3509 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 59.9109, 0.3725, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 59.9109, 0.3725, 0.3509.



This preview shows how white text looks on a background with the Yxy color 59.9109, 0.3725, 0.3509.

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

59.9109, 0.3725, 0.3509

Protanopia

60.0323, 0.3398, 0.3596

Deuteranopia

60.0823, 0.3645, 0.3569



Tritanopia

60.0049, 0.3509, 0.3143

Trichromacy



Original Color

59.9109, 0.3725, 0.3509

Protanomaly

59.7893, 0.3513, 0.3566

Deuteranomaly

60.1476, 0.3673, 0.3556

Tritanomaly

59.7496, 0.3591, 0.3270

Monochromacy



Original Color

59.9109, 0.3725, 0.3509

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.2189, 0.3330, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9109, 0.3725, 0.3509 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(244, 192, 172)` looks like.

```
.text, #text, p{  
    color:rgb(244, 192, 172)  
}
```

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(244, 192, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 192, 172) }
```

Border

The CSS property to change the border of an element to Yxy 59.9109, 0.3725, 0.3509 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(244, 192, 172) }
```

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

```
.border{ border-color:rgb(244, 192, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 192, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 192, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 192, 172);  
box-shadow:4px 4px 4px 4px rgb(244, 192,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9109, 0.3725, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 192, 172) }
```

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

```
.background{ background-color: rgb(244,  
192, 172) }
```

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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