

Converting Colors

$Y_{xy}(52.1821, 0.3634, 0.3398)$

Have a look what the booklet for
Yxy(52.1821, 0.3634, 0.3398)
contains.

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Color

Yxy(52.0768, 0.3629, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	E4B4AB
RGB	228, 180, 171
RGB Percent	89%, 71%, 67%
CMY	0.1059, 0.2941, 0.3294
CMYK	0.00, 0.21, 0.25, 0.11
HSL	9°, 51%, 78%
HSV	9°, 25%, 89%
XYZ	55.6662, 52.0768, 45.6496
YIQ	193.3260, 31.4970, 7.3770

Conversions

Conversions Part 2

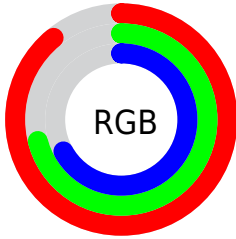
Format	Color
RYB	228, 182, 171
Decimal	14988459
CIELab	77.33, 16.06, 11.22
CIELCh	77, 19.592, 34.935
Yxy	52.0768, 0.3629, 0.3395
Android (android.graphics.Color)	4293178539 (0xFFE4B4AB)
YUV	193.3260, -11.0067, 30.4091
Hunter-Lab	72.1643, 11.4042, 13.0093

Details

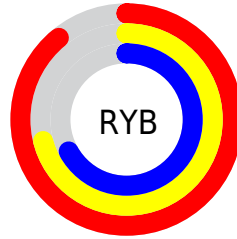
The Yxy color **52.0768, 0.3629, 0.3395** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.9214, 0.2751, 0.3182**, and the grayscale version is **53.5838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7419, 0.3320, 0.3389**, and **25.2813, 0.3771, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **44.0606, 0.3908, 0.3440**, and if you desaturate by 10%, it is **61.3216, 0.3398, 0.3351**.

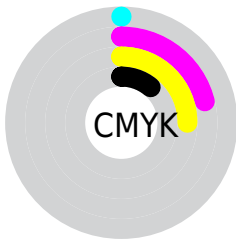
Distribution



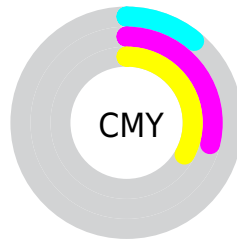
- Red (89%)
- Green (71%)
- Blue (67%)



- Red (89%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (25%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0768, 0.3629, 0.3395 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 52.0768, 0.3629, 0.3395 by changing the saturation by 10% instead.


 52.0768, 0.3629,
0.3395

 52.0768, 0.3629,
0.3395


394.7330, 0.3381,
0.3348

 37.0663, 0.3690,
0.3405


 93.2445, 0.3539,
0.3379

 25.2588, 0.3768,
0.3417


120.1705, 0.3505,
0.3373

 16.2700, 0.3871,
0.3431


151.8371, 0.3477,
0.3368

 9.7154, 0.4012,
0.3447


188.6287, 0.3452,
0.3363

 5.2107, 0.4219,
0.3465

230.9297, 0.3431,
0.3359

 2.3714, 0.4546,
0.3480

279.1245, 0.3412,

 0.8111, 0.5699,

0.3355

0.3834

333.5975, 0.3395,
0.3351

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.0768, 0.3629,
0.3395

52.0768, 0.3629,
0.3395

44.0606, 0.3908,
0.3440

61.3216, 0.3398,
0.3351

37.2140, 0.4242,
0.3482

71.8361, 0.3209,
0.3310

31.4844, 0.4627,
0.3516

83.6687, 0.3053,
0.3271

26.8119, 0.5052,
0.3536

95.2332, 0.2964,
0.3290

■ 23.1310, 0.5483,
0.3533

■ 20.3688, 0.5871,
0.3500

■ 18.4421, 0.6159,
0.3440

■ 17.7550, 0.6263,
0.3409

Harmonies

Analogous

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



52.0768, 0.3478, 0.3174



52.0768, 0.3629, 0.3395



52.0768, 0.3638, 0.3601

Triad

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



52.0768, 0.3629, 0.3395



52.0768, 0.3009, 0.3624



52.0768, 0.2752, 0.2859

Complementary

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



52.0768, 0.3629, 0.3395



64.9214, 0.2751, 0.3182

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.



52.0768, 0.2639, 0.2956



52.0768, 0.3629, 0.3395



52.0768, 0.2783, 0.3399

Square

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



52.0768, 0.3629, 0.3395



52.0768, 0.3273, 0.3749



52.0768, 0.2650, 0.3151



52.0768, 0.2966, 0.2873

Rectangle

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



52.0768, 0.3629, 0.3395



52.0768, 0.3564, 0.3702



52.0768, 0.2650, 0.3151



52.0768, 0.2701, 0.2879

Sweetspot

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



52.0792, 0.3629, 0.3395



89.6849, 0.3244, 0.3318



50.7604, 0.3226, 0.2756



19.0143, 0.3255, 0.3320



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.



52.0792, 0.3629, 0.3395



61.5730, 0.3768, 0.3418



64.5699, 0.3554, 0.3706



14.7336, 0.3289, 0.3328



10.3636, 0.6244, 0.3425



0.8786, 0.5992, 0.3624

Inverse Universe

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



64.9214, 0.2751, 0.3182



80.7977, 0.2678, 0.3157



51.5016, 0.2721, 0.2835



15.9283, 0.2981, 0.3252



25.1475, 0.2106, 0.2781



1.9629, 0.2129, 0.2863

Previews

White Background



This preview shows how the Yxy color 52.0768, 0.3629, 0.3395 looks on a white background.

Color Contrast Check

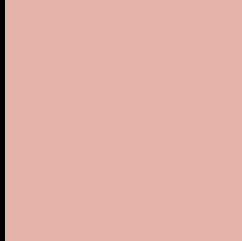
Large Text (above 18pt) WCAG AA × Fail

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 52.0768, 0.3629, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

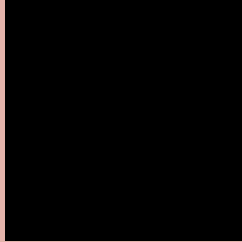
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0768, 0.3629, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 52.0768, 0.3629, 0.3395.



This preview shows how white text looks on a background with the Yxy color 52.0768, 0.3629, 0.3395.

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

52.0768, 0.3629, 0.3395

Protanopia

52.4417, 0.3293, 0.3464

Deuteranopia

51.9350, 0.3529, 0.3458



Tritanopia

52.0289, 0.3478, 0.3133

Trichromacy



Original Color

52.0768, 0.3629, 0.3395

Protanomaly

52.1911, 0.3410, 0.3436

Deuteranomaly

52.1414, 0.3567, 0.3444

Tritanomaly

51.9595, 0.3528, 0.3223

Monochromacy



Original Color

52.0768, 0.3629, 0.3395

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.5910, 0.3302, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0768, 0.3629, 0.3395 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(228, 180, 171)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 171)  
}
```

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(228, 180, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 171) }
```

Border

The CSS property to change the border of an element to Yxy 52.0768, 0.3629, 0.3395 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(228, 180, 171) }
```

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

```
.border{ border-color:rgb(228, 180, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 180, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 171);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0768, 0.3629, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 171) }
```

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

```
.background{ background-color: rgb(228,  
180, 171) }
```

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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