

Converting Colors

$Y_{xy}(52.3370, 0.3609, 0.3232)$

Have a look what the booklet for
Yxy(52.3370, 0.3609, 0.3232)
contains.

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Color

Yxy(52.0902, 0.3604, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	EBB0B6
RGB	235, 176, 182
RGB Percent	92%, 69%, 71%
CMY	0.0784, 0.3098, 0.2862
CMYK	0.00, 0.25, 0.23, 0.08
HSL	354°, 60%, 81%
HSV	354°, 25%, 92%
XYZ	58.2299, 52.0902, 51.2500
YIQ	194.3250, 33.2380, 14.3740

Conversions

Conversions Part 2

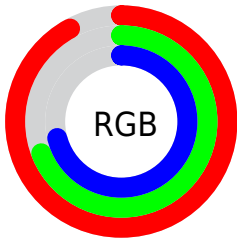
Format	Color
R _Y B	235, 176, 182
Decimal	15446198
CIE Lab	77.33, 22.35, 5.35
CIE LCh	77, 22.983, 13.451
Yxy	52.0902, 0.3604, 0.3224
Android (android.graphics.Color)	4293636278 (0xFFEBB0B6)
YUV	194.3250, -6.0762, 35.6720
Hunter-Lab	72.1735, 17.7107, 8.4200

Details

The Yxy color **52.0902, 0.3604, 0.3224** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74.3012, 0.2791, 0.3358**, and the grayscale version is **54.1749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1463, 0.3246, 0.3231**, and **25.2159, 0.3736, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **42.8528, 0.3879, 0.3197**, and if you desaturate by 10%, it is **63.0590, 0.3382, 0.3251**.

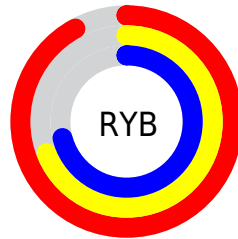
Distribution



Red (92%)

Green (69%)

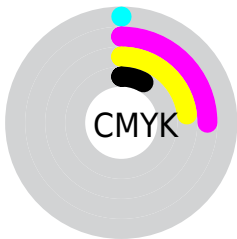
Blue (71%)



Red (92%)

Yellow (69%)

Blue (71%)

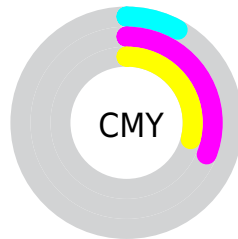


Cyan (0%)

Magenta (25%)

Yellow (23%)

Black (8%)



Cyan (8%)


Magenta (31%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0902, 0.3604, 0.3224 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 52.0902, 0.3604, 0.3224 by changing the saturation by 10% instead.


 52.0902, 0.3604,
0.3224

 52.0902, 0.3604,
0.3224


394.7847, 0.3368,
0.3260

 37.0770, 0.3662,
0.3214


 93.2643, 0.3519,
0.3237

 25.2671, 0.3736,
0.3202


120.1939, 0.3487,
0.3242

 16.2762, 0.3833,
0.3185


151.8644, 0.3460,
0.3246

 9.7198, 0.3967,
0.3159

188.6603, 0.3436,
0.3250

 5.2136, 0.4162,
0.3120

230.9658, 0.3416,
0.3253

 2.3731, 0.4473,
0.3050

279.1655, 0.3398,

 0.8120, 0.5165,

0.3255

0.2969

333.6437, 0.3383,
0.3258

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.0902, 0.3604,
0.3224

52.0902, 0.3604,
0.3224

42.8528, 0.3879,
0.3197

63.0590, 0.3382,
0.3251

35.2516, 0.4213,
0.3171

75.8337, 0.3204,
0.3277

29.1930, 0.4608,
0.3152

90.4933, 0.3061,
0.3302

24.5715, 0.5049,
0.3144

96.4014, 0.3005,
0.3290

■ 21.2677, 0.5502,
0.3152

■ 19.1436, 0.5908,
0.3181

■ 18.0297, 0.6204,
0.3226

■ 17.7271, 0.6302,
0.3246

Harmonies

Analogous

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



52.0902, 0.3337, 0.2992



52.0902, 0.3604, 0.3224



52.0902, 0.3738, 0.3482

Triad

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



52.0902, 0.3604, 0.3224



52.0902, 0.3208, 0.3807



52.0902, 0.2582, 0.2853

Complementary

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



52.0902, 0.3604, 0.3224



74.3012, 0.2791, 0.3358

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.



52.0902, 0.2553, 0.3049



52.0902, 0.3604, 0.3224



52.0902, 0.2904, 0.3618

Square

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



52.0902, 0.3604, 0.3224



52.0902, 0.3501, 0.3834



52.0902, 0.2667, 0.3331



52.0902, 0.2749, 0.2780

Rectangle

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



52.0902, 0.3604, 0.3224



52.0902, 0.3731, 0.3639



52.0902, 0.2667, 0.3331



52.0902, 0.2556, 0.2906

Sweetspot

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



52.0926, 0.3604, 0.3224



86.5435, 0.3252, 0.3270



53.5635, 0.3100, 0.2655



18.0171, 0.3278, 0.3266



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.



52.0926, 0.3604, 0.3224



56.8579, 0.3735, 0.3210



61.4679, 0.3597, 0.3542



15.0790, 0.3277, 0.3266



9.8750, 0.6280, 0.3233



0.7838, 0.6016, 0.3088

Inverse Universe

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



52.0926, 0.3604, 0.3224



56.8579, 0.3735, 0.3210



62.5074, 0.2735, 0.3024



15.0790, 0.3277, 0.3266



9.8750, 0.6280, 0.3233



0.7838, 0.6016, 0.3088

Previews

White Background



This preview shows how the Yxy color 52.0902, 0.3604, 0.3224 looks on a white background.

Color Contrast Check

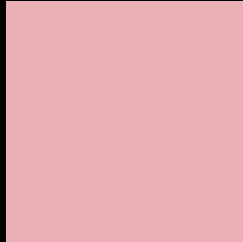
Large Text (above 18pt) WCAG AA × Fail

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 52.0902, 0.3604, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

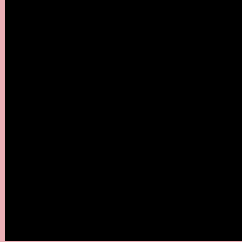
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0902, 0.3604, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 52.0902, 0.3604, 0.3224.



This preview shows how white text looks on a background with the Yxy color 52.0902, 0.3604, 0.3224.

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

52.0902, 0.3604, 0.3224

Protanopia

52.1467, 0.3168, 0.3290

Deuteranopia

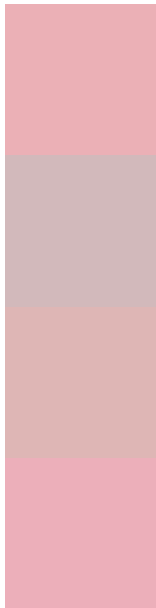
52.2894, 0.3416, 0.3350



Tritanopia

52.1237, 0.3562, 0.3147

Trichromacy



Original Color

52.0902, 0.3604, 0.3224

Protanomaly

51.9874, 0.3324, 0.3267

Deuteranomaly

52.3217, 0.3484, 0.3303

Tritanomaly

52.0380, 0.3580, 0.3169

Monochromacy



Original Color

52.0902, 0.3604, 0.3224

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.8137, 0.3288, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0902, 0.3604, 0.3224 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(235, 176, 182)` looks like.

```
.text, #text, p{  
    color:rgb(235, 176, 182)  
}
```

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(235, 176, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 176, 182) }
```

Border

The CSS property to change the border of an element to Yxy 52.0902, 0.3604, 0.3224 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(235, 176, 182) }
```

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

```
.border{ border-color:rgb(235, 176, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 176, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 176, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 176, 182);  
box-shadow:4px 4px 4px 4px rgb(235, 176,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0902, 0.3604, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 176, 182) }
```

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

```
.background{ background-color: rgb(235,  
176, 182) }
```

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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