

Converting Colors

Yxy(51.0039, 0.3635, 0.3214)

Have a look what the booklet for
Yxy(51.0039, 0.3635, 0.3214)
contains.

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Color

Yxy(51.0153, 0.3639, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	ECADB4
RGB	236, 173, 180
RGB Percent	93%, 68%, 71%
CMY	0.0744, 0.3216, 0.2941
CMYK	0.00, 0.27, 0.24, 0.07
HSL	353°, 62%, 80%
HSV	353°, 27%, 93%
XYZ	57.7792, 51.0153, 49.9832
YIQ	192.6350, 35.3010, 15.5330

Conversions

Conversions Part 2

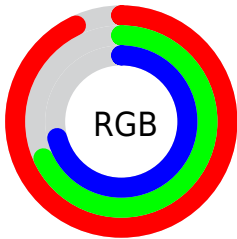
Format	Color
R_{YB}	236, 173, 180
Decimal	15510964
CIE _{Lab}	76.69, 24.04, 5.52
CIE _{LCh}	77, 24.668, 12.941
Yxy	51.0153, 0.3639, 0.3213
Android (android.graphics.Color)	4293701044 (0xFFECADB4)
YUV	192.6350, -6.2291, 38.0311
Hunter-Lab	71.4250, 19.4038, 8.5063

Details

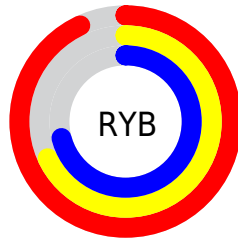
The Yxy color **51.0153, 0.3639, 0.3213** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74.5448, 0.2775, 0.3370**, and the grayscale version is **53.1267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3548, 0.3262, 0.3221**, and **24.5490, 0.3786, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **41.9605, 0.3920, 0.3183**, and if you desaturate by 10%, it is **61.8031, 0.3412, 0.3243**.

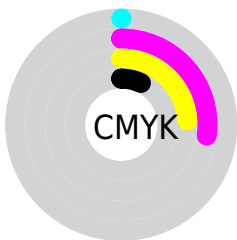
Distribution



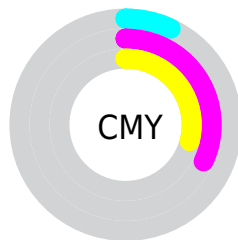
- Red (93%)
- Green (68%)
- Blue (71%)



- Red (93%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (7%)





- Cyan (7%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0153, 0.3639, 0.3213 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 51.0153, 0.3639, 0.3213 by changing the saturation by 10% instead.

 51.0153, 0.3639,
0.3213

 51.0153, 0.3639,
0.3213


390.6232, 0.3385,
0.3254

 36.2208, 0.3702,
0.3202


 91.6774, 0.3547,
0.3229

 24.6048, 0.3782,
0.3187


118.3138, 0.3513,
0.3234

 15.7828, 0.3887,
0.3167

149.6662, 0.3483,
0.3239

 9.3706, 0.4033,
0.3137

186.1191, 0.3458,
0.3243

 4.9837, 0.4246,
0.3091

228.0568, 0.3436,
0.3247

 2.2377, 0.4587,
0.3009

275.8639, 0.3417,

 0.7404, 0.5423,

0.3250

0.2920

329.9245, 0.3400,
0.3252

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.0153, 0.3639,
0.3213

51.0153, 0.3639,
0.3213

41.9605, 0.3920,
0.3183

61.8031, 0.3412,
0.3243

34.5415, 0.4260,
0.3156

74.4000, 0.3229,
0.3272

28.6626, 0.4660,
0.3136

88.8864, 0.3082,
0.3299

24.2154, 0.5102,
0.3129

96.5765, 0.3011,
0.3290

■ 21.0771, 0.5550,
0.3141

■ 19.1043, 0.5943,
0.3174

■ 18.1161, 0.6223,
0.3225

■ 17.9122, 0.6289,
0.3238

Harmonies

Analogous

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



51.0153, 0.3347, 0.2965



51.0153, 0.3639, 0.3213



51.0153, 0.3787, 0.3490

Triad

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



51.0153, 0.3639, 0.3213



51.0153, 0.3219, 0.3853



51.0153, 0.2538, 0.2821

Complementary

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



51.0153, 0.3639, 0.3213



74.5448, 0.2775, 0.3370

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.



51.0153, 0.2509, 0.3033



51.0153, 0.3639, 0.3213



51.0153, 0.2891, 0.3650

Square

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



51.0153, 0.3639, 0.3213



51.0153, 0.3534, 0.3877



51.0153, 0.2635, 0.3339



51.0153, 0.2715, 0.2741

Rectangle

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



51.0153, 0.3639, 0.3213



51.0153, 0.3781, 0.3661



51.0153, 0.2635, 0.3339



51.0153, 0.2511, 0.2878

Sweetspot

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



51.0177, 0.3639, 0.3213



86.5546, 0.3251, 0.3268



52.5466, 0.3098, 0.2613



18.0199, 0.3277, 0.3264



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.



51.0177, 0.3639, 0.3213



54.6978, 0.3784, 0.3197



60.8568, 0.3634, 0.3559



15.0813, 0.3275, 0.3264



9.8808, 0.6265, 0.3225



0.7849, 0.5984, 0.3070

Inverse Universe

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



51.0177, 0.3639, 0.3213



54.6978, 0.3784, 0.3197



61.9590, 0.2710, 0.3004



15.0813, 0.3275, 0.3264



9.8808, 0.6265, 0.3225



0.7849, 0.5984, 0.3070

Previews

White Background



This preview shows how the Yxy color 51.0153, 0.3639, 0.3213 looks on a white background.

Color Contrast Check

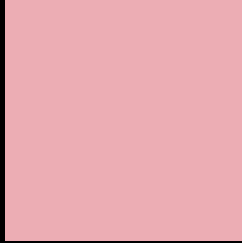
Large Text (above 18pt) WCAG AA × Fail

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 51.0153, 0.3639, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

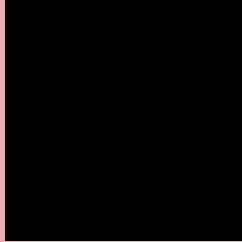
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0153, 0.3639, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 51.0153, 0.3639, 0.3213.



This preview shows how white text looks on a background with the Yxy color 51.0153, 0.3639, 0.3213.

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

51.0153, 0.3639, 0.3213

Protanopia

51.4068, 0.3160, 0.3290

Deuteranopia

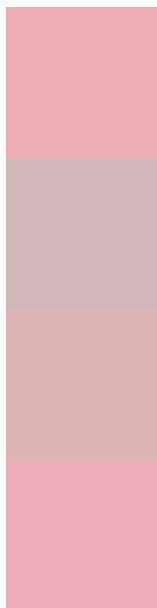
51.0784, 0.3419, 0.3351



Tritanopia

51.0124, 0.3605, 0.3147

Trichromacy



Original Color

51.0153, 0.3639, 0.3213

Protanomaly

50.9675, 0.3326, 0.3255

Deuteranomaly

50.8670, 0.3499, 0.3291

Tritanomaly

50.9285, 0.3623, 0.3169

Monochromacy



Original Color

51.0153, 0.3639, 0.3213

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.3040, 0.3306, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0153, 0.3639, 0.3213 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(236, 173, 180)` looks like.

```
.text, #text, p{  
    color:rgb(236, 173, 180)  
}
```

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(236, 173, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 173, 180) }
```

Border

The CSS property to change the border of an element to Yxy 51.0153, 0.3639, 0.3213 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(236, 173, 180) }
```

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

```
.border{ border-color:rgb(236, 173, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 173, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 173, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 173, 180);  
box-shadow:4px 4px 4px 4px rgb(236, 173,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0153, 0.3639, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 173, 180) }
```

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

```
.background{ background-color: rgb(236,  
173, 180) }
```

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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