

Converting Colors

$Yxy(53.1070, 0.3476, 0.3235)$

Have a look what the booklet for
Yxy(53.1070, 0.3476, 0.3235)
contains.

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Color

Yxy(53.2125, 0.3468, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	E2B6BB
RGB	226, 182, 187
RGB Percent	89%, 71%, 73%
CMY	0.1137, 0.2863, 0.2667
CMYK	0.00, 0.19, 0.17, 0.11
HSL	353°, 43%, 80%
HSV	353°, 19%, 89%
XYZ	57.0628, 53.2125, 54.2656
YIQ	195.7260, 24.6190, 10.8830

Conversions

Conversions Part 2

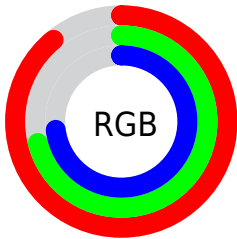
Format	Color
R _Y B	226, 182, 187
Decimal	14857915
CIE Lab	78.00, 16.63, 3.50
CIE LCh	78, 16.992, 11.889
Yxy	53.2125, 0.3468, 0.3234
Android (android.graphics.Color)	4293047995 (0xFFE2B6BB)
YUV	195.7260, -4.3019, 26.5503
Hunter-Lab	72.9469, 11.9747, 6.9567

Details

The Yxy color **53.2125, 0.3468, 0.3234** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5677, 0.2865, 0.3347**, and the grayscale version is **55.0457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8801, 0.3209, 0.3242**, and **25.9678, 0.3558, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **43.8931, 0.3708, 0.3203**, and if you desaturate by 10%, it is **64.1506, 0.3275, 0.3264**.

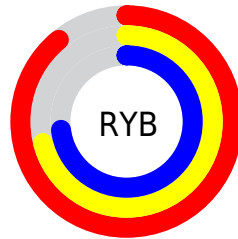
Distribution



Red (89%)

Green (71%)

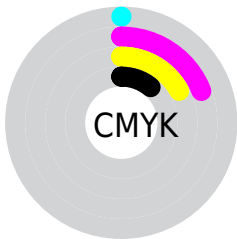
Blue (73%)



Red (89%)

Yellow (71%)

Blue (73%)

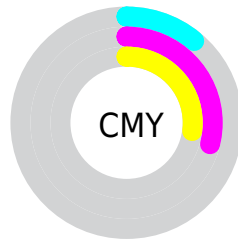


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2125, 0.3468, 0.3234 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 53.2125, 0.3468, 0.3234 by changing the saturation by 10% instead.


 53.2125, 0.3468,
0.3234

 53.2125, 0.3468,
0.3234


399.0999, 0.3301,
0.3263

 37.9724, 0.3509,
0.3227


 94.9170, 0.3408,
0.3245

 25.9613, 0.3561,
0.3217


122.1502, 0.3385,
0.3249

 16.7947, 0.3630,
0.3204


154.1499, 0.3366,
0.3252

 10.0882, 0.3724,
0.3185

191.3005, 0.3349,
0.3255

 5.4575, 0.3861,
0.3157

233.9864, 0.3334,
0.3257

 2.5181, 0.4078,
0.3108

282.5920, 0.3322,

 0.8857, 0.4506,

0.3259

0.3031

337.5017, 0.3311,
0.3261

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.2125, 0.3468,
0.3234

53.2125, 0.3468,
0.3234

43.8931, 0.3708,
0.3203

64.1506, 0.3275,
0.3264

36.1086, 0.4003,
0.3174

76.7714, 0.3120,
0.3291

29.7787, 0.4358,
0.3148

91.1445, 0.2995,
0.3317

24.8130, 0.4769,
0.3130

94.9109, 0.2952,
0.3289

■ 21.1108, 0.5216,
0.3127

■ 18.5576, 0.5654,
0.3145

■ 17.0182, 0.6023,
0.3184

■ 16.2742, 0.6272,
0.3233

■ 16.2435, 0.6283,
0.3235

Harmonies

Analogous

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



53.2125, 0.3271, 0.3060



53.2125, 0.3468, 0.3234



53.2125, 0.3572, 0.3427

Triad

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



53.2125, 0.3468, 0.3234



53.2125, 0.3202, 0.3668



53.2125, 0.2718, 0.2975

Complementary

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



53.2125, 0.3468, 0.3234



69.5677, 0.2865, 0.3347

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.



53.2125, 0.2702, 0.3127



53.2125, 0.3468, 0.3234



53.2125, 0.2976, 0.3537

Square

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



53.2125, 0.3468, 0.3234



53.2125, 0.3413, 0.3686



53.2125, 0.2795, 0.3334



53.2125, 0.2839, 0.2911

Rectangle

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



53.2125, 0.3468, 0.3234



53.2125, 0.3572, 0.3544



53.2125, 0.2795, 0.3334



53.2125, 0.2701, 0.3017

Sweetspot

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



53.2149, 0.3468, 0.3234



89.7803, 0.3218, 0.3273



54.3018, 0.3108, 0.2802



18.9892, 0.3228, 0.3272



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.



53.2149, 0.3468, 0.3234



65.2090, 0.3550, 0.3223



60.3370, 0.3475, 0.3482



13.7256, 0.3274, 0.3264



9.2744, 0.6258, 0.3221



0.6514, 0.5942, 0.3047

Inverse Universe

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



53.2149, 0.3468, 0.3234



65.2090, 0.3550, 0.3223



61.1080, 0.2824, 0.3090



13.7256, 0.3274, 0.3264



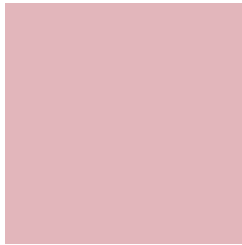
9.2744, 0.6258, 0.3221



0.6514, 0.5942, 0.3047

Previews

White Background



This preview shows how the Yxy color 53.2125, 0.3468, 0.3234 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 53.2125, 0.3468, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

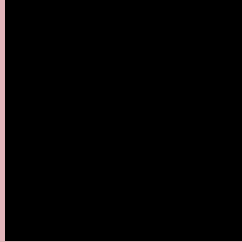
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2125, 0.3468, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 53.2125, 0.3468, 0.3234.



This preview shows how white text looks on a background with the Yxy color 53.2125, 0.3468, 0.3234.

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

53.2125, 0.3468, 0.3234

Protanopia

53.2853, 0.3152, 0.3278

Deuteranopia

53.3820, 0.3363, 0.3303



Tritanopia

53.3188, 0.3410, 0.3132

Trichromacy



Original Color

53.2125, 0.3468, 0.3234

Protanomaly

52.9934, 0.3262, 0.3254

Deuteranomaly

53.1485, 0.3401, 0.3279

Tritanomaly

53.1844, 0.3436, 0.3166

Monochromacy



Original Color

53.2125, 0.3468, 0.3234

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.3773, 0.3243, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2125, 0.3468, 0.3234 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(226, 182, 187)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 187)  
}
```

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(226, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 187) }
```

Border

The CSS property to change the border of an element to Yxy 53.2125, 0.3468, 0.3234 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(226, 182, 187) }
```

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

```
.border{ border-color:rgb(226, 182, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 182, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(226, 182,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2125, 0.3468, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 182, 187) }
```

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

```
.background{ background-color: rgb(226,  
182, 187) }
```

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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