

Converting Colors

$Y_{xy}(53.7375, 0.3416, 0.3197)$

Have a look what the booklet for
Yxy(53.7375, 0.3416, 0.3197)
contains.

Yxy(53.6803, 0.3415, 0.3188)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.6803, 0.3415, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	E1B7C0
RGB	225, 183, 192
RGB Percent	88%, 72%, 75%
CMY	0.1176, 0.2824, 0.2471
CMYK	0.00, 0.19, 0.15, 0.12
HSL	347°, 41%, 80%
HSV	347°, 19%, 88%
XYZ	57.5026, 53.6803, 57.1995
YIQ	196.5840, 22.1430, 11.7030

Conversions

Conversions Part 2

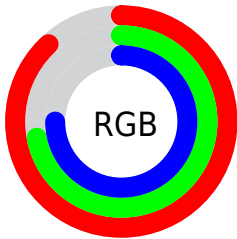
Format	Color
R _Y B	225, 183, 192
Decimal	14792640
CIE Lab	78.27, 16.52, 1.17
CIE LCh	78, 16.566, 4.037
Yxy	53.6803, 0.3415, 0.3188
Android (android.graphics.Color)	4292982720 (0xFFE1B7C0)
YUV	196.5840, -2.2599, 24.9208
Hunter-Lab	73.2668, 11.8766, 4.9990

Details

The Yxy color **53.6803, 0.3415, 0.3188** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.8846, 0.2901, 0.3395**, and the grayscale version is **55.5769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7703, 0.3177, 0.3203**, and **26.2644, 0.3485, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **44.3932, 0.3623, 0.3130**, and if you desaturate by 10%, it is **64.5502, 0.3247, 0.3244**.

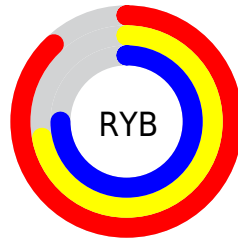
Distribution



Red (88%)

Green (72%)

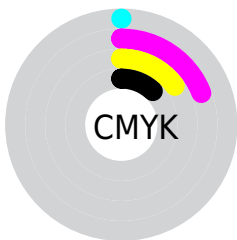
Blue (75%)



Red (88%)

Yellow (72%)

Blue (75%)

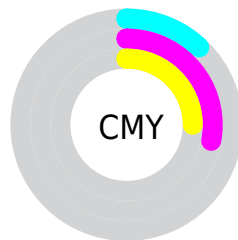


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (12%)



Cyan (12%)


Magenta (28%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6803, 0.3415, 0.3188 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 53.6803, 0.3415, 0.3188 by changing the saturation by 10% instead.


 53.6803, 0.3415,
0.3188

 53.6803, 0.3415,
0.3188


400.8897, 0.3274,
0.3238

 38.3461, 0.3449,
0.3176


 95.6047, 0.3364,
0.3206

 26.2514, 0.3493,
0.3160


122.9637, 0.3345,
0.3213

 17.0118, 0.3550,
0.3139


155.0997, 0.3329,
0.3219

 10.2429, 0.3628,
0.3110

192.3972, 0.3315,
0.3224

 5.5603, 0.3741,
0.3068

235.2406, 0.3303,
0.3228

 2.5796, 0.3921,
0.3001

284.0142, 0.3292,

 0.9164, 0.4246,

0.3232

0.2878

339.1024, 0.3283,
0.3235

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.6803, 0.3415,
0.3188

53.6803, 0.3415,
0.3188

44.3932, 0.3623,
0.3130

64.5502, 0.3247,
0.3244

36.6080, 0.3877,
0.3072

77.0645, 0.3111,
0.3297

30.2476, 0.4182,
0.3019

91.2904, 0.3001,
0.3345

25.2249, 0.4539,
0.2979

94.7500, 0.2946,
0.3289

■ 21.4434, 0.4936,
0.2960

■ 18.7937, 0.5345,
0.2973

■ 17.1466, 0.5724,
0.3023

■ 16.3100, 0.6028,
0.3104

■ 16.2251, 0.6064,
0.3114

Harmonies

Analogous

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



53.6803, 0.3209, 0.3030



53.6803, 0.3415, 0.3188



53.6803, 0.3544, 0.3375

Triad

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



53.6803, 0.3415, 0.3188



53.6803, 0.3258, 0.3673



53.6803, 0.2715, 0.3015

Complementary

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



53.6803, 0.3415, 0.3188



68.8846, 0.2901, 0.3395

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.



53.6803, 0.2728, 0.3181



53.6803, 0.3415, 0.3188



53.6803, 0.3036, 0.3572

Square

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



53.6803, 0.3415, 0.3188



53.6803, 0.3450, 0.3661



53.6803, 0.2843, 0.3388



53.6803, 0.2808, 0.2929

Rectangle

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



53.6803, 0.3415, 0.3188



53.6803, 0.3566, 0.3495



53.6803, 0.2843, 0.3388



53.6803, 0.2707, 0.3063

Sweetspot

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



53.6827, 0.3415, 0.3188



89.8734, 0.3208, 0.3258



53.8895, 0.3075, 0.2818



19.0111, 0.3218, 0.3255



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.



53.6827, 0.3415, 0.3188



66.7599, 0.3482, 0.3168



58.4162, 0.3467, 0.3427



13.7484, 0.3258, 0.3240



9.3622, 0.6028, 0.3095



0.6621, 0.5599, 0.2858

Inverse Universe

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



53.6827, 0.3415, 0.3188



66.7599, 0.3482, 0.3168



63.1487, 0.2840, 0.3149



13.7484, 0.3258, 0.3240



9.3622, 0.6028, 0.3095



0.6621, 0.5599, 0.2858

Previews

White Background



This preview shows how the Yxy color 53.6803, 0.3415, 0.3188 looks on a white background.

Color Contrast Check

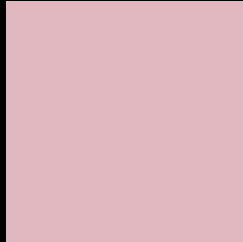
Large Text (above 18pt) WCAG AA × Fail

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 53.6803, 0.3415, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

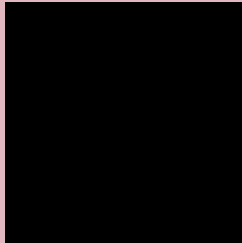
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6803, 0.3415, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 53.6803, 0.3415, 0.3188.



This preview shows how white text looks on a background with the Yxy color 53.6803, 0.3415, 0.3188.

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

53.6803, 0.3415, 0.3188

Protanopia

53.9529, 0.3114, 0.3229

Deuteranopia

53.8742, 0.3313, 0.3255



Tritanopia

53.6102, 0.3392, 0.3132

Trichromacy



Original Color

53.6803, 0.3415, 0.3188

Protanomaly

53.6461, 0.3222, 0.3207

Deuteranomaly

53.6311, 0.3350, 0.3232

Tritanomaly

53.5648, 0.3400, 0.3143

Monochromacy



Original Color

53.6803, 0.3415, 0.3188

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.9048, 0.3227, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6803, 0.3415, 0.3188 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(225, 183, 192)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 192)  
}
```

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(225, 183, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 192) }
```

Border

The CSS property to change the border of an element to Yxy 53.6803, 0.3415, 0.3188 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(225, 183, 192) }
```

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

```
.border{ border-color:rgb(225, 183, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 183, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 192);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6803, 0.3415, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 192) }
```

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

```
.background{ background-color: rgb(225,  
183, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor