

Converting Colors

Yxy(53.5964, 0.3354, 0.3202)

Have a look what the booklet for
Yxy(53.5964, 0.3354, 0.3202)
contains.

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Color

Yxy(53.6082, 0.3352, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	DBB9C1
RGB	219, 185, 193
RGB Percent	86%, 73%, 76%
CMY	0.1411, 0.2745, 0.2432
CMYK	0.00, 0.16, 0.12, 0.14
HSL	346°, 32%, 79%
HSV	346°, 16%, 86%
XYZ	56.1897, 53.6082, 57.8325
YIQ	196.0780, 17.6960, 9.6960

Conversions

Conversions Part 2

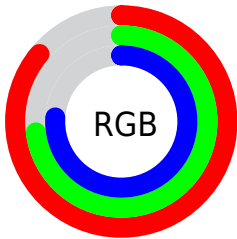
Format	Color
RYB	219, 185, 193
Decimal	14399937
CIELab	78.23, 13.46, 0.50
CIELCh	78, 13.473, 2.129
Yxy	53.6082, 0.3352, 0.3198
Android (android.graphics.Color)	4292590017 (0xFFDDBB9C1)
YUV	196.0780, -1.5175, 20.1026
Hunter-Lab	73.2176, 8.8562, 4.4209

Details

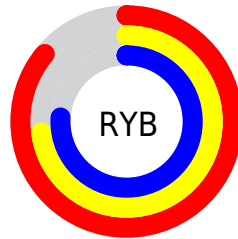
The Yxy color **53.6082, 0.3352, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.6883, 0.2942, 0.3384**, and the grayscale version is **55.2541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0101, 0.3170, 0.3213**, and **26.2885, 0.3410, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **44.4361, 0.3541, 0.3135**, and if you desaturate by 10%, it is **64.2813, 0.3199, 0.3258**.

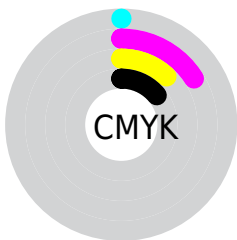
Distribution



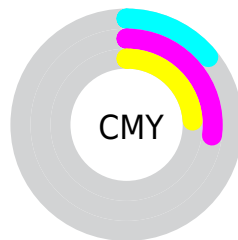
- Red (86%)
- Green (73%)
- Blue (76%)



- Red (86%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6082, 0.3352, 0.3198 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 53.6082, 0.3352, 0.3198 by changing the saturation by 10% instead.

 53.6082, 0.3352,
0.3198

 53.6082, 0.3352,
0.3198

400.6142, 0.3242,
0.3243

 38.2885, 0.3379,
0.3187


 95.4987, 0.3313,
0.3214

 26.2067, 0.3413,
0.3173

122.8384, 0.3298,
0.3220

 16.9783, 0.3457,
0.3154


154.9534, 0.3285,
0.3226

 10.2190, 0.3518,
0.3129

192.2283, 0.3274,
0.3230

 5.5444, 0.3607,
0.3092

235.0475, 0.3264,
0.3234

 2.5701, 0.3747,
0.3034

283.7952, 0.3256,

 0.9117, 0.4001,

0.3237

0.2926

338.8560, 0.3249,
0.3241

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.6082, 0.3352,
0.3198

53.6082, 0.3352,
0.3198

44.4361, 0.3541,
0.3135

64.2813, 0.3199,
0.3258

36.6905, 0.3772,
0.3071

76.5111, 0.3075,
0.3315

30.3015, 0.4052,
0.3010

90.3593, 0.2974,
0.3366

25.1904, 0.4382,
0.2960

93.8020, 0.2912,
0.3289

■ 21.2703, 0.4756,
0.2929

■ 18.4434, 0.5155,
0.2928

■ 16.5962, 0.5542,
0.2965

■ 15.5897, 0.5875,
0.3042

■ 15.3050, 0.6001,
0.3080

Harmonies

Analogous

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



53.6082, 0.3183, 0.3070



53.6082, 0.3352, 0.3198



53.6082, 0.3461, 0.3351

Triad

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



53.6082, 0.3352, 0.3198



53.6082, 0.3246, 0.3602



53.6082, 0.2788, 0.3074

Complementary

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



53.6082, 0.3352, 0.3198



65.6883, 0.2942, 0.3384

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.



53.6082, 0.2804, 0.3213



53.6082, 0.3352, 0.3198



53.6082, 0.3065, 0.3526

Square

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



53.6082, 0.3352, 0.3198



53.6082, 0.3398, 0.3588



53.6082, 0.2904, 0.3381



53.6082, 0.2859, 0.2997

Rectangle

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



53.6082, 0.3352, 0.3198



53.6082, 0.3484, 0.3450



53.6082, 0.2904, 0.3381



53.6082, 0.2783, 0.3115

Sweetspot

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



53.6106, 0.3352, 0.3198



91.5208, 0.3192, 0.3261



53.5904, 0.3076, 0.2900



19.3438, 0.3202, 0.3257



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.



53.6106, 0.3352, 0.3198



70.7263, 0.3416, 0.3175



56.9282, 0.3403, 0.3389



13.1014, 0.3255, 0.3235



9.0882, 0.5966, 0.3060



0.6022, 0.5501, 0.2804

Inverse Universe

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



53.6106, 0.3352, 0.3198



70.7263, 0.3416, 0.3175



61.7749, 0.2889, 0.3188



13.1014, 0.3255, 0.3235



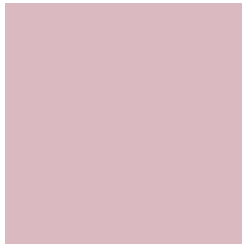
9.0882, 0.5966, 0.3060



0.6022, 0.5501, 0.2804

Previews

White Background



This preview shows how the Yxy color 53.6082, 0.3352, 0.3198 looks on a white background.

Color Contrast Check

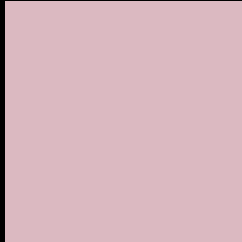
Large Text (above 18pt) WCAG AA × Fail

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 53.6082, 0.3352, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

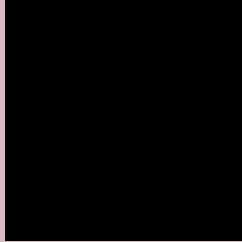
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6082, 0.3352, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 53.6082, 0.3352, 0.3198.



This preview shows how white text looks on a background with the Yxy color 53.6082, 0.3352, 0.3198.

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

53.6082, 0.3352, 0.3198

Protanopia

53.9069, 0.3121, 0.3241

Deuteranopia

53.5370, 0.3298, 0.3220



Tritanopia

53.5738, 0.3321, 0.3129

Trichromacy



Original Color

53.6082, 0.3352, 0.3198

Protanomaly

53.6498, 0.3196, 0.3218

Deuteranomaly

53.4151, 0.3316, 0.3209

Tritanomaly

53.4821, 0.3337, 0.3152

Monochromacy



Original Color

53.6082, 0.3352, 0.3198

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.4768, 0.3202, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6082, 0.3352, 0.3198 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(219, 185, 193)` looks like.

```
.text, #text, p{  
    color:rgb(219, 185, 193)  
}
```

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(219, 185, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 185, 193) }
```

Border

The CSS property to change the border of an element to Yxy 53.6082, 0.3352, 0.3198 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(219, 185, 193) }
```

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

```
.border{ border-color:rgb(219, 185, 193) }
```

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

Here you see how a box with a 4 pixel rgb(219, 185, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 185, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 185, 193);  
box-shadow:4px 4px 4px 4px rgb(219, 185,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6082, 0.3352, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 185, 193) }
```

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

```
.background{ background-color: rgb(219,  
185, 193) }
```

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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