

Converting Colors

$Yxy(54.0116, 0.3445, 0.3291)$

Have a look what the booklet for
Yxy(54.0116, 0.3445, 0.3291)
contains.

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Color

Yxy(53.8887, 0.3453, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	DFB9B9
RGB	223, 185, 185
RGB Percent	87%, 73%, 73%
CMY	0.1254, 0.2745, 0.2745
CMYK	0.00, 0.17, 0.17, 0.13
HSL	0°, 37%, 80%
HSV	0°, 17%, 87%
XYZ	56.5414, 53.8887, 53.3156
YIQ	196.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

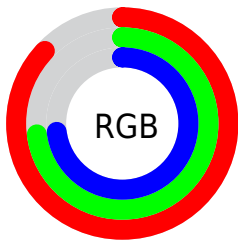
Format	Color
R _Y B	223, 185, 185
Decimal	14662073
CIE _{Lab}	78.40, 13.63, 5.11
CIE _{LCh}	78, 14.558, 20.569
Yxy	53.8887, 0.3453, 0.3291
Android (android.graphics.Color)	4292852153 (0xFFDFB9B9)
YUV	196.3620, -5.6015, 23.3615
Hunter-Lab	73.4089, 9.0195, 8.3250

Details

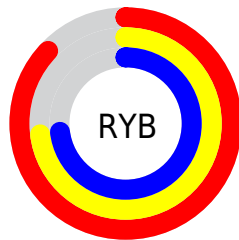
The Yxy color $53.8887, 0.3453, 0.3291$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $68.4260, 0.2871, 0.3289$, and the grayscale version is $55.4568, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.5215, 0.3219, 0.3290$, and $26.3840, 0.3537, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $44.4125, 0.3711, 0.3292$, and if you desaturate by 10%, it is $64.9806, 0.3247, 0.3290$.

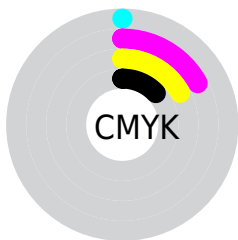
Distribution



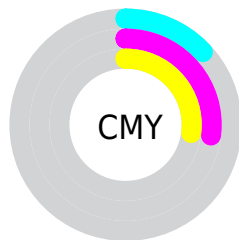
- Red (87%)
- Green (73%)
- Blue (73%)



- Red (87%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8887, 0.3453, 0.3291 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 53.8887, 0.3453, 0.3291 by changing the saturation by 10% instead.


 53.8887, 0.3453,
0.3291

 53.8887, 0.3453,
0.3291


401.6854, 0.3293,
0.3292

 38.5127, 0.3492,
0.3290


 95.9108, 0.3396,
0.3292

 26.3808, 0.3542,
0.3289


123.3257, 0.3374,
0.3292

 17.1088, 0.3607,
0.3287


155.5223, 0.3355,
0.3292

 10.3121, 0.3696,
0.3283

192.8851, 0.3339,
0.3292

 5.6064, 0.3827,
0.3275

235.7984, 0.3326,
0.3292

 2.6072, 0.4033,
0.3259

284.6466, 0.3313,

 0.9303, 0.4457,

0.3292

339.8142, 0.3303,
0.3292

0.3253

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.8887, 0.3453,
0.3291

53.8887, 0.3453,
0.3291

44.4125, 0.3711,
0.3292

64.9806, 0.3247,
0.3290

36.4699, 0.4030,
0.3293

77.7509, 0.3082,
0.3290

29.9824, 0.4417,
0.3294

92.2679, 0.2951,
0.3289

24.8619, 0.4865,
0.3295

94.4314, 0.2935,
0.3289

■ 21.0106, 0.5346,
0.3297

■ 18.3177, 0.5803,
0.3298

■ 16.6537, 0.6160,
0.3299

■ 15.8493, 0.6359,
0.3300

■ 15.6921, 0.6401,
0.3300

Harmonies

Analogous

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



53.8887, 0.3304, 0.3133



53.8887, 0.3453, 0.3291



53.8887, 0.3512, 0.3454

Triad

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



53.8887, 0.3453, 0.3291



53.8887, 0.3135, 0.3588



53.8887, 0.2798, 0.2997

Complementary

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



53.8887, 0.3453, 0.3291



68.4260, 0.2871, 0.3289

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.



53.8887, 0.2757, 0.3108



53.8887, 0.3453, 0.3291



53.8887, 0.2948, 0.3454

Square

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



53.8887, 0.3453, 0.3291



53.8887, 0.3324, 0.3633



53.8887, 0.2811, 0.3276



53.8887, 0.2926, 0.2965

Rectangle

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



53.8887, 0.3453, 0.3291



53.8887, 0.3491, 0.3545



53.8887, 0.2811, 0.3276



53.8887, 0.2774, 0.3026

Sweetspot

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



53.8911, 0.3453, 0.3291



91.3402, 0.3211, 0.3290



55.7151, 0.3147, 0.2869



19.3001, 0.3223, 0.3290



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.



53.8911, 0.3453, 0.3291



68.8091, 0.3527, 0.3291



62.3829, 0.3417, 0.3507



13.7009, 0.3292, 0.3291



9.2249, 0.6401, 0.3300



0.6395, 0.6400, 0.3300

Inverse Universe

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



68.4260, 0.2871, 0.3289



91.5723, 0.2827, 0.3289



58.8313, 0.2860, 0.3063



15.5720, 0.2982, 0.3290



34.1530, 0.2246, 0.3287



2.3674, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 53.8887, 0.3453, 0.3291 looks on a white background.

Color Contrast Check

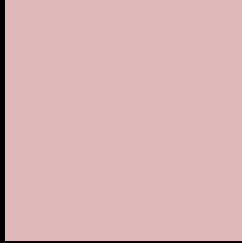
Large Text (above 18pt) WCAG AA × Fail

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 53.8887, 0.3453, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

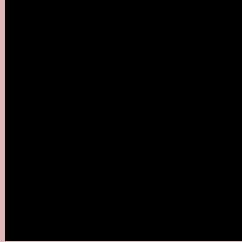
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8887, 0.3453, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 53.8887, 0.3453, 0.3291.



This preview shows how white text looks on a background with the Yxy color 53.8887, 0.3453, 0.3291.

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

53.8887, 0.3453, 0.3291

Protanopia

53.9997, 0.3198, 0.3327

Deuteranopia

54.0682, 0.3387, 0.3326



Tritanopia

53.9057, 0.3373, 0.3132

Trichromacy



Original Color

53.8887, 0.3453, 0.3291

Protanomaly

53.8676, 0.3292, 0.3314

Deuteranomaly

54.1035, 0.3414, 0.3314

Tritanomaly

53.9785, 0.3396, 0.3188

Monochromacy



Original Color

53.8887, 0.3453, 0.3291

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.6269, 0.3242, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8887, 0.3453, 0.3291 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(223, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(223, 185, 185)  
}
```

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(223, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 185, 185) }
```

Border

The CSS property to change the border of an element to Yxy 53.8887, 0.3453, 0.3291 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(223, 185, 185) }
```

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

```
.border{ border-color:rgb(223, 185, 185) }
```

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

Here you see how a box with a 4 pixel rgb(223, 185, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(223, 185,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8887, 0.3453, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 185, 185) }
```

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

```
.background{ background-color: rgb(223,  
185, 185) }
```

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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