

Converting Colors

Yxy(53.5583, 0.3243, 0.3083)

Have a look what the booklet for
Yxy(53.5583, 0.3243, 0.3083)
contains.

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Color

Yxy(53.6087, 0.3245, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	D8B9CB
RGB	216, 185, 203
RGB Percent	85%, 73%, 80%
CMY	0.1530, 0.2745, 0.2038
CMYK	0.00, 0.14, 0.06, 0.15
HSL	325°, 28%, 79%
HSV	325°, 14%, 85%
XYZ	56.4439, 53.6087, 63.8886
YIQ	196.3210, 12.6980, 12.1700

Conversions

Conversions Part 2

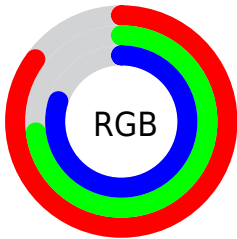
Format	Color
R _Y B	216, 185, 203
Decimal	14203339
CIE Lab	78.23, 14.09, -4.97
CIE LCh	78, 14.944, 340.590
Yxy	53.6087, 0.3245, 0.3082
Android (android.graphics.Color)	4292393419 (0xFFD8B9CB)
YUV	196.3210, 3.2927, 17.2585
Hunter-Lab	73.2180, 9.4747, -0.4828

Details

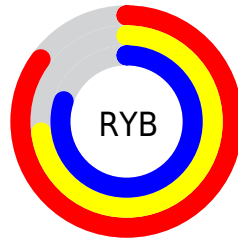
The Yxy color **53.6087, 0.3245, 0.3082** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.4897, 0.3025, 0.3508**, and the grayscale version is **55.3794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **26.2495, 0.3275, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **44.8317, 0.3347, 0.2929**, and if you desaturate by 10%, it is **63.7881, 0.3160, 0.3229**.

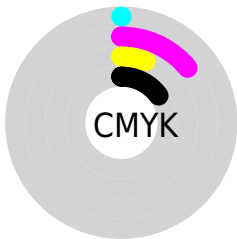
Distribution



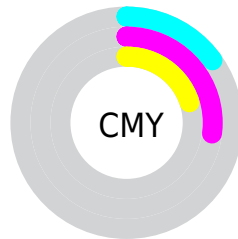
- Red (85%)
- Green (73%)
- Blue (80%)



- Red (85%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (15%)




- Cyan (15%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6087, 0.3245, 0.3082 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 53.6087, 0.3245, 0.3082 by changing the saturation by 10% instead.


 53.6087, 0.3245,
0.3082

 53.6087, 0.3245,
0.3082

400.6161, 0.3188,
0.3182

 38.2889, 0.3259,
0.3058


 95.4995, 0.3225,
0.3117

 26.2070, 0.3276,
0.3028

122.8392, 0.3217,
0.3131

 16.9786, 0.3298,
0.2989


154.9545, 0.3211,
0.3143

 10.2192, 0.3328,
0.2937

192.2295, 0.3205,
0.3153

 5.5445, 0.3370,
0.2863

235.0488, 0.3200,
0.3161

 2.5702, 0.3436,
0.2749

283.7968, 0.3196,

 0.9117, 0.3550,

0.3169

0.2555

338.8577, 0.3192,
0.3176

0.0000, 0.5409,
0.0000

0.0000, 0.0000,
0.0000

53.6087, 0.3245,
0.3082

53.6087, 0.3245,
0.3082

44.8317, 0.3347,
0.2929

63.7881, 0.3160,
0.3229

37.3879, 0.3467,
0.2775

75.4209, 0.3088,
0.3367

31.2128, 0.3607,
0.2625

88.5646, 0.3029,
0.3496

26.2337, 0.3766,
0.2488

92.3560, 0.2979,
0.3453

■ 22.3704, 0.3943,
0.2376

■ 92.9037, 0.2930,
0.3359

■ 19.5330, 0.4134,
0.2300

■ 93.3350, 0.2894,
0.3289

■ 17.6172, 0.4331,
0.2271

■ 16.4963, 0.4525,
0.2295

■ 16.0927, 0.4633,
0.2326

Harmonies

Analogous

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



53.6087, 0.3043, 0.2982



53.6087, 0.3245, 0.3082



53.6087, 0.3420, 0.3234

Triad

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



53.6087, 0.3245, 0.3082



53.6087, 0.3386, 0.3635



53.6087, 0.2755, 0.3155

Complementary

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



53.6087, 0.3245, 0.3082



63.4897, 0.3025, 0.3508

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.



53.6087, 0.2841, 0.3338



53.6087, 0.3245, 0.3082



53.6087, 0.3202, 0.3623

Square

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



53.6087, 0.3245, 0.3082



53.6087, 0.3502, 0.3552



53.6087, 0.3003, 0.3513



53.6087, 0.2765, 0.3018

Rectangle

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



53.6087, 0.3245, 0.3082



53.6087, 0.3494, 0.3348



53.6087, 0.3003, 0.3513



53.6087, 0.2773, 0.3213

Sweetspot

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



53.6111, 0.3245, 0.3082



93.3922, 0.3157, 0.3233



51.6534, 0.2998, 0.2922



19.7321, 0.3163, 0.3222



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.



53.6111, 0.3245, 0.3082



74.2791, 0.3272, 0.3039



52.9112, 0.3370, 0.3260



12.5408, 0.3201, 0.3155



9.5497, 0.4605, 0.2311



0.5923, 0.4299, 0.2142

Inverse Universe

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



53.6111, 0.3245, 0.3082



74.2791, 0.3272, 0.3039



64.2385, 0.2926, 0.3320



12.5408, 0.3201, 0.3155



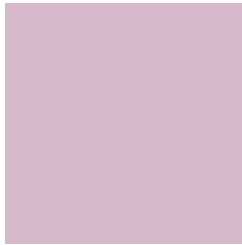
9.5497, 0.4605, 0.2311



0.5923, 0.4299, 0.2142

Previews

White Background



This preview shows how the Yxy color 53.6087, 0.3245, 0.3082 looks on a white background.

Color Contrast Check

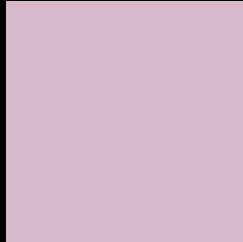
Large Text (above 18pt) WCAG AA × Fail

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 53.6087, 0.3245, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

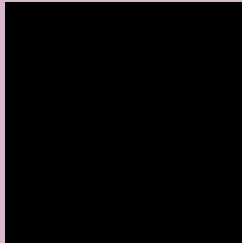
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6087, 0.3245, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 53.6087, 0.3245, 0.3082.



This preview shows how white text looks on a background with the Yxy color 53.6087, 0.3245, 0.3082.

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

53.6087, 0.3245, 0.3082

Protanopia

53.5908, 0.3017, 0.3096

Deuteranopia

53.6406, 0.3184, 0.3125



Tritanopia

53.8869, 0.3268, 0.3128

Trichromacy



Original Color

53.6087, 0.3245, 0.3082

Protanomaly

53.2689, 0.3096, 0.3087

Deuteranomaly

53.6538, 0.3210, 0.3115

Tritanomaly

53.9338, 0.3260, 0.3117

Monochromacy



Original Color

53.6087, 0.3245, 0.3082

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.5193, 0.3163, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6087, 0.3245, 0.3082 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(216, 185, 203)` looks like.

```
.text, #text, p{  
    color:rgb(216, 185, 203)  
}
```

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(216, 185, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 185, 203) }
```

Border

The CSS property to change the border of an element to Yxy 53.6087, 0.3245, 0.3082 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(216, 185, 203) }
```

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

```
.border{ border-color:rgb(216, 185, 203) }
```

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

Here you see how a box with a 4 pixel rgb(216, 185, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 185, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 185, 203);  
box-shadow:4px 4px 4px 4px rgb(216, 185,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6087, 0.3245, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 185, 203) }
```

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

```
.background{ background-color: rgb(216,  
185, 203) }
```

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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