

Converting Colors

$Y_{xy}(53.8973, 0.3359, 0.3102)$

Have a look what the booklet for
Yxy(53.8973, 0.3359, 0.3102)
contains.

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Color

Yxy(53.9980, 0.3356, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	E1B7C7
RGB	225, 183, 199
RGB Percent	88%, 72%, 78%
CMY	0.1178, 0.2823, 0.2195
CMYK	0.00, 0.19, 0.12, 0.12
HSL	337°, 41%, 80%
HSV	337°, 19%, 88%
XYZ	58.2880, 53.9980, 61.3969
YIQ	197.3820, 19.8960, 13.8800

Conversions

Conversions Part 2

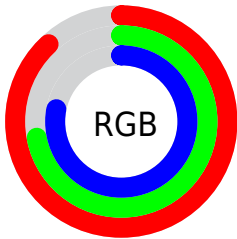
Format	Color
R _Y B	225, 183, 199
Decimal	14792647
CIE Lab	78.46, 17.64, -2.37
CIE LCh	78, 17.800, 352.354
Yxy	53.9980, 0.3356, 0.3109
Android (android.graphics.Color)	4292982727 (0xFFE1B7C7)
YUV	197.3820, 0.7977, 24.2210
Hunter-Lab	73.4833, 12.9928, 1.9003

Details

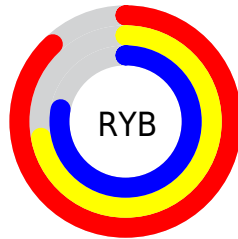
The Yxy color **53.9980, 0.3356, 0.3109** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.5036, 0.2943, 0.3479**, and the grayscale version is **56.0643, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **26.4446, 0.3416, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **44.8317, 0.3518, 0.3006**, and if you desaturate by 10%, it is **64.7114, 0.3223, 0.3209**.

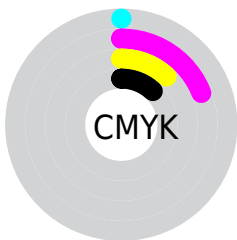
Distribution



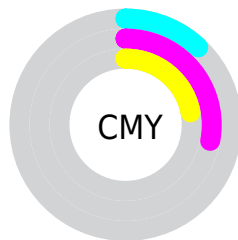
- Red (88%)
- Green (72%)
- Blue (78%)



- Red (88%)
- Yellow (72%)
- Blue (78%)



- Cyan (0%)
- Magenta (19%)
- Yellow (12%)
- Black (12%)





- Cyan (12%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9980, 0.3356, 0.3109 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 53.9980, 0.3356, 0.3109 by changing the saturation by 10% instead.


 53.9980, 0.3356,
0.3109

 53.9980, 0.3356,
0.3109


402.1024, 0.3245,
0.3196

 38.6001, 0.3383,
0.3088


 96.0713, 0.3316,
0.3140

 26.4487, 0.3417,
0.3062


123.5155, 0.3301,
0.3152

 17.1596, 0.3461,
0.3027


155.7438, 0.3288,
0.3162

 10.3484, 0.3521,
0.2981

193.1408, 0.3277,
0.3171

 5.6306, 0.3608,
0.2915

236.0907, 0.3268,
0.3178

 2.6218, 0.3744,
0.2813

284.9780, 0.3259,

 0.9376, 0.3984,

0.3185

0.2635

340.1871, 0.3252,
0.3191

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.9980, 0.3356,
0.3109

53.9980, 0.3356,
0.3109

44.8317, 0.3518,
0.3006

64.7114, 0.3223,
0.3209

37.1335, 0.3713,
0.2903

77.0319, 0.3114,
0.3302

30.8281, 0.3945,
0.2806

91.0251, 0.3024,
0.3389

25.8306, 0.4214,
0.2725

94.7214, 0.2948,
0.3293

■ 22.0468, 0.4515,
0.2671

■ 94.7424, 0.2946,
0.3289

■ 19.3696, 0.4835,
0.2658

■ 17.6729, 0.5153,
0.2696

■ 16.7684, 0.5446,
0.2782

■ 16.6717, 0.5484,
0.2795

Harmonies

Analogous

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



53.9980, 0.3119, 0.2964



53.9980, 0.3356, 0.3109



53.9980, 0.3534, 0.3301

Triad

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



53.9980, 0.3356, 0.3109



53.9980, 0.3354, 0.3711



53.9980, 0.2677, 0.3055

Complementary

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



53.9980, 0.3356, 0.3109



68.5036, 0.2943, 0.3479

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.



53.9980, 0.2735, 0.3257



53.9980, 0.3356, 0.3109



53.9980, 0.3121, 0.3649

Square

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



53.9980, 0.3356, 0.3109



53.9980, 0.3531, 0.3651



53.9980, 0.2895, 0.3479



53.9980, 0.2734, 0.2927

Rectangle

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



53.9980, 0.3356, 0.3109



53.9980, 0.3592, 0.3435



53.9980, 0.2895, 0.3479



53.9980, 0.2684, 0.3116

Sweetspot

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



54.0004, 0.3356, 0.3109



90.0292, 0.3192, 0.3234



52.8466, 0.3020, 0.2810



19.0479, 0.3200, 0.3227



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.



54.0004, 0.3356, 0.3109



67.2444, 0.3409, 0.3073



55.3499, 0.3480, 0.3347



13.7867, 0.3232, 0.3201



9.6312, 0.5444, 0.2773



0.6847, 0.5027, 0.2543

Inverse Universe

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



54.0004, 0.3356, 0.3109



67.2444, 0.3409, 0.3073



66.7285, 0.2845, 0.3232



13.7867, 0.3232, 0.3201



9.6312, 0.5444, 0.2773



0.6847, 0.5027, 0.2543

Previews

White Background



This preview shows how the Yxy color 53.9980, 0.3356, 0.3109 looks on a white background.

Color Contrast Check

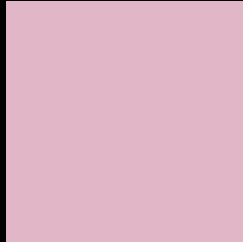
Large Text (above 18pt) WCAG AA × Fail

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 53.9980, 0.3356, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

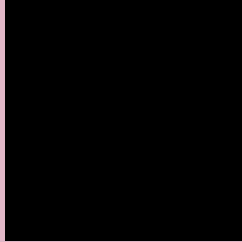
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9980, 0.3356, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 53.9980, 0.3356, 0.3109.



This preview shows how white text looks on a background with the Yxy color 53.9980, 0.3356, 0.3109.

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

53.9980, 0.3356, 0.3109

Protanopia

54.1498, 0.3055, 0.3145

Deuteranopia

53.8925, 0.3240, 0.3173



Tritanopia

53.9517, 0.3365, 0.3120

Trichromacy



Original Color

53.9980, 0.3356, 0.3109

Protanomaly

53.8288, 0.3159, 0.3124

Deuteranomaly

53.7940, 0.3284, 0.3151

Tritanomaly

53.9517, 0.3365, 0.3120

Monochromacy



Original Color

53.9980, 0.3356, 0.3109

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.0419, 0.3204, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9980, 0.3356, 0.3109 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 199) }
```

Border

The CSS property to change the border of an element to Yxy 53.9980, 0.3356, 0.3109 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, 199) }
```

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

```
.border{ border-color:rgb(225, 183, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 199);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9980, 0.3356, 0.3109 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, 199) }
```

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

```
.background{ background-color: rgb(225,  
183, 199) }
```

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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