

Converting Colors

Yxy(53.1396, 0.3489, 0.3189)

Have a look what the booklet for
Yxy(53.1396, 0.3489, 0.3189)
contains.

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Color

Yxy(53.1396, 0.3489, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	E6B4BD
RGB	230, 180, 189
RGB Percent	90%, 71%, 74%
CMY	0.0981, 0.2941, 0.2587
CMYK	0.00, 0.22, 0.18, 0.10
HSL	349°, 50%, 80%
HSV	349°, 22%, 90%
XYZ	58.1386, 53.1396, 55.3558
YIQ	195.9760, 26.9110, 13.3990

Conversions

Conversions Part 2

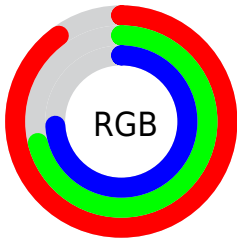
Format	Color
R _Y B	230, 180, 189
Decimal	15119549
CIE Lab	77.96, 19.45, 2.37
CIE LCh	78, 19.591, 6.953
Yxy	53.1396, 0.3489, 0.3189
Android (android.graphics.Color)	4293309629 (0xFFE6B4BD)
YUV	195.9760, -3.4392, 29.8390
Hunter-Lab	72.8969, 14.7923, 6.0047

Details

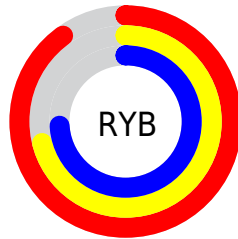
The Yxy color **53.1396, 0.3489, 0.3189** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.5073, 0.2856, 0.3394**, and the grayscale version is **55.1975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8435, 0.3198, 0.3203**, and **25.9550, 0.3588, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **43.8473, 0.3721, 0.3140**, and if you desaturate by 10%, it is **64.0837, 0.3301, 0.3237**.

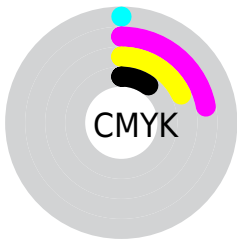
Distribution



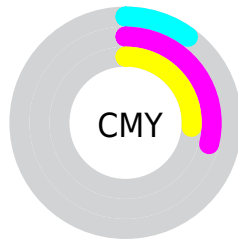
- Red (90%)
- Green (71%)
- Blue (74%)



- Red (90%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (10%)





- Cyan (10%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1396, 0.3489, 0.3189 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 53.1396, 0.3489, 0.3189 by changing the saturation by 10% instead.


 53.1396, 0.3489,
0.3189

 53.1396, 0.3489,
0.3189


398.8205, 0.3311,
0.3240

 37.9142, 0.3532,
0.3176


 94.8098, 0.3425,
0.3207

 25.9161, 0.3588,
0.3160


122.0233, 0.3401,
0.3214

 16.7609, 0.3660,
0.3139


154.0017, 0.3380,
0.3220

 10.0642, 0.3759,
0.3108

191.1294, 0.3363,
0.3225

 5.4415, 0.3904,
0.3064

233.7907, 0.3347,
0.3230

 2.5086, 0.4133,
0.2991

282.3701, 0.3334,

 0.8809, 0.4563,

0.3233

0.2861

337.2519, 0.3322,
0.3237

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.1396, 0.3489,
0.3189

53.1396, 0.3489,
0.3189

43.8473, 0.3721,
0.3140

64.0837, 0.3301,
0.3237

36.1194, 0.4003,
0.3092

76.7469, 0.3150,
0.3283

29.8719, 0.4342,
0.3051

91.2015, 0.3028,
0.3324

25.0094, 0.4731,
0.3023

95.5604, 0.2976,
0.3290

■ 21.4257, 0.5152,
0.3018

■ 18.9989, 0.5568,
0.3043

■ 17.5834, 0.5927,
0.3101

■ 16.9842, 0.6152,
0.3162

Harmonies

Analogous

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



53.1396, 0.3249, 0.2999



53.1396, 0.3489, 0.3189



53.1396, 0.3631, 0.3409

Triad

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



53.1396, 0.3489, 0.3189



53.1396, 0.3255, 0.3742



53.1396, 0.2646, 0.2948

Complementary

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



53.1396, 0.3489, 0.3189



71.5073, 0.2856, 0.3394

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.



53.1396, 0.2648, 0.3136



53.1396, 0.3489, 0.3189



53.1396, 0.2993, 0.3609

Square

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



53.1396, 0.3489, 0.3189



53.1396, 0.3490, 0.3737



53.1396, 0.2773, 0.3381



53.1396, 0.2766, 0.2859

Rectangle

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



53.1396, 0.3489, 0.3189



53.1396, 0.3647, 0.3549



53.1396, 0.2773, 0.3381



53.1396, 0.2633, 0.3001

Sweetspot

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



53.1420, 0.3489, 0.3189



88.2288, 0.3226, 0.3259



53.7025, 0.3078, 0.2738



18.6784, 0.3236, 0.3256



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.



53.1420, 0.3489, 0.3189



61.7280, 0.3585, 0.3167



59.5211, 0.3530, 0.3469



14.4103, 0.3264, 0.3248



9.6298, 0.6119, 0.3145



0.7240, 0.5733, 0.2932

Inverse Universe

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



53.1420, 0.3489, 0.3189



61.7280, 0.3585, 0.3167



63.5900, 0.2791, 0.3104



14.4103, 0.3264, 0.3248



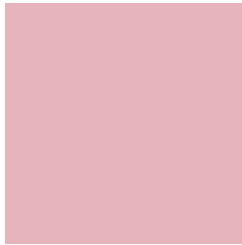
9.6298, 0.6119, 0.3145



0.7240, 0.5733, 0.2932

Previews

White Background



This preview shows how the Yxy color 53.1396, 0.3489, 0.3189 looks on a white background.

Color Contrast Check

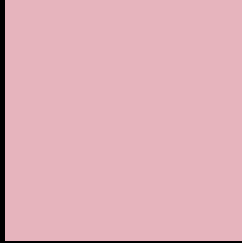
Large Text (above 18pt) WCAG AA × Fail

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 53.1396, 0.3489, 0.3189 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 53.1396, 0.3489, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 53.1396, 0.3489, 0.3189.



This preview shows how white text looks on a background with the Yxy color 53.1396, 0.3489, 0.3189.

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

53.1396, 0.3489, 0.3189

Protanopia

53.4206, 0.3129, 0.3241

Deuteranopia

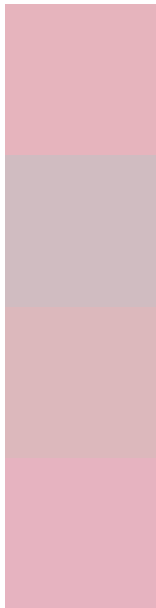
53.4676, 0.3347, 0.3279



Tritanopia

52.9134, 0.3457, 0.3133

Trichromacy



Original Color

53.1396, 0.3489, 0.3189

Protanomaly

53.2266, 0.3255, 0.3231

Deuteranomaly

53.1275, 0.3403, 0.3244

Tritanomaly

52.8690, 0.3465, 0.3144

Monochromacy



Original Color

53.1396, 0.3489, 0.3189

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.0871, 0.3253, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1396, 0.3489, 0.3189 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(230, 180, 189)` looks like.

```
.text, #text, p{  
    color:rgb(230, 180, 189)  
}
```

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(230, 180, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 180, 189) }
```

Border

The CSS property to change the border of an element to Yxy 53.1396, 0.3489, 0.3189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

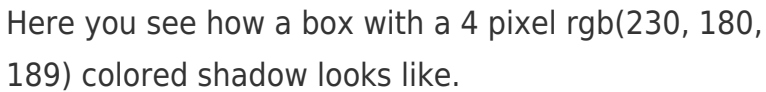
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 180, 189) }
```

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

```
.border{ border-color:rgb(230, 180, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(230, 180, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 180, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 180, 189);  
box-shadow:4px 4px 4px 4px rgb(230, 180,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1396, 0.3489, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 180, 189) }
```

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

```
.background{ background-color: rgb(230,  
180, 189) }
```

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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