

Converting Colors

Yxy(54.4809, 0.3380, 0.3143)

Have a look what the booklet for
Yxy(54.4809, 0.3380, 0.3143)
contains.

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Color

Yxy(54.4809, 0.3380, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	E2B8C5
RGB	226, 184, 197
RGB Percent	89%, 72%, 77%
CMY	0.1137, 0.2784, 0.2273
CMYK	0.00, 0.19, 0.13, 0.11
HSL	341°, 42%, 80%
HSV	341°, 19%, 89%
XYZ	58.5891, 54.4809, 60.2705
YIQ	198.0400, 20.8590, 12.9470

Conversions

Conversions Part 2

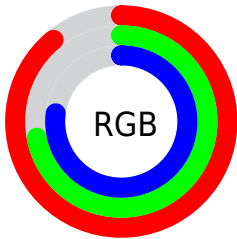
Format	Color
R _Y B	226, 184, 197
Decimal	14858437
CIE Lab	78.74, 17.16, -0.87
CIE LCh	79, 17.183, 357.107
Yxy	54.4809, 0.3380, 0.3143
Android (android.graphics.Color)	4293048517 (0xFFE2B8C5)
YUV	198.0400, -0.5127, 24.5209
Hunter-Lab	73.8112, 12.5183, 3.2546

Details

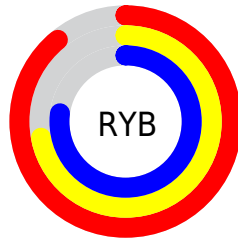
The Yxy color $54.4809, 0.3380, 0.3143$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $69.3944, 0.2925, 0.3442$, and the grayscale version is $56.4942, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.7359, 0.3140, 0.3156$, and $26.7618, 0.3448, 0.3112$ is the 20% darker color. If you saturate the color by 10%, you get $45.1536, 0.3561, 0.3059$, and if you desaturate by 10%, it is $65.3871, 0.3232, 0.3224$.

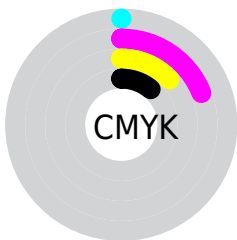
Distribution



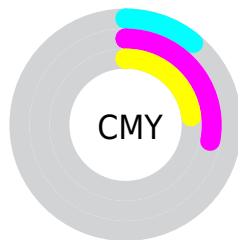
- Red (89%)
- Green (72%)
- Blue (77%)



- Red (89%)
- Yellow (72%)
- Blue (77%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4809, 0.3380, 0.3143 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 54.4809, 0.3380, 0.3143 by changing the saturation by 10% instead.


 54.4809, 0.3380,
0.3143

 54.4809, 0.3380,
0.3143


403.9412, 0.3257,
0.3214

 38.9863, 0.3410,
0.3126


 96.7800, 0.3336,
0.3168

 26.7490, 0.3447,
0.3104


124.3532, 0.3319,
0.3178

 17.3848, 0.3497,
0.3076


156.7214, 0.3305,
0.3186

 10.5093, 0.3564,
0.3037

194.2690, 0.3293,
0.3194

 5.7379, 0.3660,
0.2982

237.3804, 0.3282,
0.3200

 2.6864, 0.3812,
0.2896

286.4400, 0.3273,

 0.9703, 0.4081,

0.3205

0.2744

341.8321, 0.3264,
0.3210

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4809, 0.3380,
0.3143

54.4809, 0.3380,
0.3143

45.1536, 0.3561,
0.3059

65.3871, 0.3232,
0.3224

37.3244, 0.3781,
0.2975

77.9334, 0.3112,
0.3300

30.9168, 0.4044,
0.2896

92.1866, 0.3014,
0.3371

25.8441, 0.4350,
0.2833

94.9114, 0.2952,
0.3289

■ 22.0103, 0.4693,
0.2795

■ 19.3063, 0.5055,
0.2795

■ 17.6037, 0.5407,
0.2842

■ 16.7126, 0.5717,
0.2933

■ 16.6152, 0.5758,
0.2946

Harmonies

Analogous

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



54.4809, 0.3157, 0.2993



54.4809, 0.3380, 0.3143



54.4809, 0.3537, 0.3332

Triad

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



54.4809, 0.3380, 0.3143



54.4809, 0.3312, 0.3693



54.4809, 0.2695, 0.3039

Complementary

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



54.4809, 0.3380, 0.3143



69.3944, 0.2925, 0.3442

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.



54.4809, 0.2734, 0.3225



54.4809, 0.3380, 0.3143



54.4809, 0.3085, 0.3615

Square

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



54.4809, 0.3380, 0.3143



54.4809, 0.3495, 0.3654



54.4809, 0.2874, 0.3440



54.4809, 0.2767, 0.2929

Rectangle

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



54.4809, 0.3380, 0.3143



54.4809, 0.3579, 0.3460



54.4809, 0.2874, 0.3440



54.4809, 0.2696, 0.3094

Sweetspot

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



54.4833, 0.3380, 0.3143



89.9625, 0.3199, 0.3244



53.8739, 0.3042, 0.2815



19.0322, 0.3207, 0.3239



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.



54.4833, 0.3380, 0.3143



67.0346, 0.3440, 0.3113



57.1993, 0.3474, 0.3379



13.7702, 0.3244, 0.3218



9.4962, 0.5717, 0.2923



0.6740, 0.5277, 0.2681

Inverse Universe

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



54.4833, 0.3380, 0.3143



67.0346, 0.3440, 0.3113



65.9868, 0.2844, 0.3199



13.7702, 0.3244, 0.3218



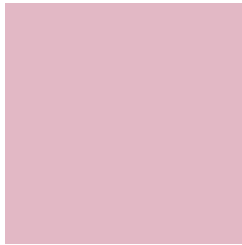
9.4962, 0.5717, 0.2923



0.6740, 0.5277, 0.2681

Previews

White Background



This preview shows how the Yxy color 54.4809, 0.3380, 0.3143 looks on a white background.

Color Contrast Check

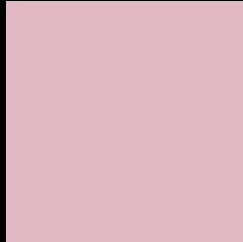
Large Text (above 18pt) WCAG AA × Fail

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 54.4809, 0.3380, 0.3143 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 54.4809, 0.3380, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 54.4809, 0.3380, 0.3143.



This preview shows how white text looks on a background with the Yxy color 54.4809, 0.3380, 0.3143.

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

54.4809, 0.3380, 0.3143

Protanopia

54.6311, 0.3077, 0.3181

Deuteranopia

54.5268, 0.3272, 0.3208



Tritanopia

54.5269, 0.3372, 0.3132

Trichromacy



Original Color

54.4809, 0.3380, 0.3143

Protanomaly

54.3094, 0.3182, 0.3160

Deuteranomaly

54.4316, 0.3316, 0.3186

Tritanomaly

54.5269, 0.3372, 0.3132

Monochromacy



Original Color

54.4809, 0.3380, 0.3143

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.6270, 0.3211, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4809, 0.3380, 0.3143 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(226, 184, 197)` looks like.

```
.text, #text, p{  
    color:rgb(226, 184, 197)  
}
```

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(226, 184, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 184, 197) }
```

Border

The CSS property to change the border of an element to Yxy 54.4809, 0.3380, 0.3143 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(226, 184, 197) }
```

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

```
.border{ border-color:rgb(226, 184, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 184, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 184, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 184, 197); box-shadow:4px 4px 4px 4px rgb(226, 184, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4809, 0.3380, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 184, 197) }
```

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

```
.background{ background-color: rgb(226,  
184, 197) }
```

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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