

Converting Colors

Yxy(54.8664, 0.3312, 0.3050)

Have a look what the booklet for
Yxy(54.8664, 0.3312, 0.3050)
contains.

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Color

Yxy(54.8575, 0.3314, 0.3055)

Conversions

Conversions Part 1

Format	Color
Hex	E2B8CD
RGB	226, 184, 205
RGB Percent	89%, 72%, 80%
CMY	0.1140, 0.2783, 0.1961
CMYK	0.00, 0.19, 0.09, 0.11
HSL	330°, 42%, 80%
HSV	330°, 19%, 89%
XYZ	59.5083, 54.8575, 65.2005
YIQ	198.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

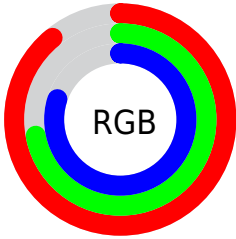
Format	Color
R _Y B	226, 184, 205
Decimal	14858445
CIE Lab	78.96, 18.44, -4.85
CIE LCh	79, 19.064, 345.254
Yxy	54.8575, 0.3314, 0.3055
Android (android.graphics.Color)	4293048525 (0xFFE2B8CD)
YUV	198.9520, 2.9817, 23.7211
Hunter-Lab	74.0658, 13.8007, -0.3472

Details

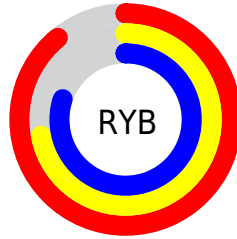
The Yxy color $54.8575, 0.3314, 0.3055$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $68.9611, 0.2974, 0.3538$, and the grayscale version is $57.0537, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $27.0130, 0.3357, 0.2995$ is the 20% darker color. If you saturate the color by 10%, you get $45.6829, 0.3445, 0.2921$, and if you desaturate by 10%, it is $65.5756, 0.3205, 0.3185$.

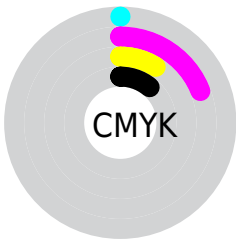
Distribution



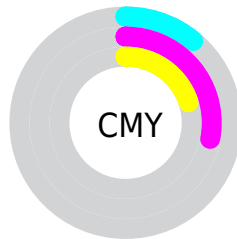
- Red (89%)
- Green (72%)
- Blue (80%)



- Red (89%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (11%)




- Cyan (11%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8575, 0.3314, 0.3055 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 54.8575, 0.3314, 0.3055 by changing the saturation by 10% instead.


 54.8575, 0.3314,
0.3055

 54.8575, 0.3314,
0.3055


405.3715, 0.3224,
0.3167

 39.2876, 0.3335,
0.3028


 97.3321, 0.3282,
0.3095

 26.9836, 0.3362,
0.2995


125.0057, 0.3270,
0.3110

 17.5609, 0.3397,
0.2952


157.4826, 0.3260,
0.3123

 10.6352, 0.3445,
0.2894

195.1473, 0.3251,
0.3134

 5.8221, 0.3512,
0.2813

238.3842, 0.3243,
0.3144

 2.7372, 0.3615,
0.2690

287.5776, 0.3236,

 0.9961, 0.3793,

0.3153

0.2483

343.1119, 0.3230,
0.3160

0.0000, 0.6143,
0.0000

0.0000, 0.0000,
0.0000

54.8575, 0.3314,
0.3055

54.8575, 0.3314,
0.3055

45.6829, 0.3445,
0.2921

65.5756, 0.3205,
0.3185

37.9725, 0.3600,
0.2787

77.8969, 0.3115,
0.3307

31.6513, 0.3781,
0.2661

91.8869, 0.3041,
0.3422

26.6343, 0.3989,
0.2551

94.5919, 0.2978,
0.3338

■ 22.8274, 0.4220,
0.2471

■ 94.8990, 0.2952,
0.3289

■ 20.1235, 0.4465,
0.2432

■ 18.3963, 0.4713,
0.2444

■ 17.4592, 0.4952,
0.2510

■ 17.3507, 0.4987,
0.2521

Harmonies

Analogous

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



54.8575, 0.3058, 0.2918



54.8575, 0.3314, 0.3055



54.8575, 0.3525, 0.3251

Triad

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



54.8575, 0.3314, 0.3055



54.8575, 0.3421, 0.3735



54.8575, 0.2653, 0.3085

Complementary

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



54.8575, 0.3314, 0.3055



68.9611, 0.2974, 0.3538

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.



54.8575, 0.2742, 0.3311



54.8575, 0.3314, 0.3055



54.8575, 0.3180, 0.3701

Square

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



54.8575, 0.3314, 0.3055



54.8575, 0.3586, 0.3642



54.8575, 0.2933, 0.3543



54.8575, 0.2684, 0.2927

Rectangle

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



54.8575, 0.3314, 0.3055



54.8575, 0.3608, 0.3393



54.8575, 0.2933, 0.3543



54.8575, 0.2669, 0.3155

Sweetspot

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



54.8599, 0.3314, 0.3055



90.1407, 0.3181, 0.3216



52.6594, 0.2976, 0.2806



19.0742, 0.3187, 0.3208



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.



54.8599, 0.3314, 0.3055



67.6042, 0.3358, 0.3007



53.9442, 0.3482, 0.3283



13.8143, 0.3214, 0.3173



9.9285, 0.4952, 0.2501



0.7063, 0.4611, 0.2314

Inverse Universe

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



54.8599, 0.3314, 0.3055



67.6042, 0.3358, 0.3007



70.0035, 0.2853, 0.3297



13.8143, 0.3214, 0.3173



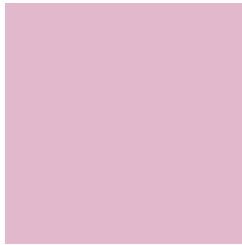
9.9285, 0.4952, 0.2501



0.7063, 0.4611, 0.2314

Previews

White Background



This preview shows how the Yxy color 54.8575, 0.3314, 0.3055 looks on a white background.

Color Contrast Check

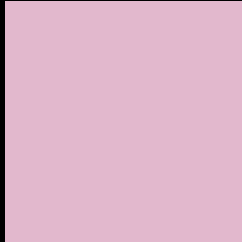
Large Text (above 18pt) WCAG AA × Fail

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 54.8575, 0.3314, 0.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

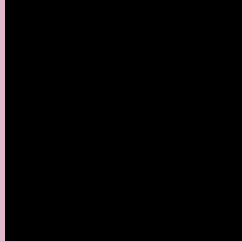
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8575, 0.3314, 0.3055

Background



This preview shows how black text looks on a background with the Yxy color 54.8575, 0.3314, 0.3055.



This preview shows how white text looks on a background with the Yxy color 54.8575, 0.3314, 0.3055.

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

54.8575, 0.3314, 0.3055

Protanopia

54.8888, 0.3011, 0.3086

Deuteranopia

55.0354, 0.3192, 0.3127



Tritanopia

54.8290, 0.3354, 0.3132

Trichromacy



Original Color

54.8575, 0.3314, 0.3055

Protanomaly

54.5522, 0.3113, 0.3067

Deuteranomaly

54.9250, 0.3235, 0.3106

Tritanomaly

54.9225, 0.3337, 0.3110

Monochromacy



Original Color

54.8575, 0.3314, 0.3055

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3559, 0.3195, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8575, 0.3314, 0.3055 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(226, 184, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 184, 205) }
```

Border

The CSS property to change the border of an element to Yxy 54.8575, 0.3314, 0.3055 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, 205) }
```

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

```
.border{ border-color:rgb(226, 184, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 184, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 184, 205); box-shadow:4px 4px 4px 4px rgb(226, 184, 205) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8575, 0.3314, 0.3055 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, 205) }
```

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

```
.background{ background-color: rgb(226,  
184, 205) }
```

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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