

Converting Colors

$Yxy(54.9284, 0.3319, 0.3131)$

Have a look what the booklet for
Yxy(54.9284, 0.3319, 0.3131)
contains.

Yxy(54.8175, 0.3319, 0.3131)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.8175, 0.3319, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	DEBAC8
RGB	222, 186, 200
RGB Percent	87%, 73%, 78%
CMY	0.1294, 0.2706, 0.2157
CMYK	0.00, 0.16, 0.10, 0.13
HSL	337°, 35%, 80%
HSV	337°, 16%, 87%
XYZ	58.1090, 54.8175, 62.1533
YIQ	198.3600, 16.9620, 11.9860

Conversions

Conversions Part 2

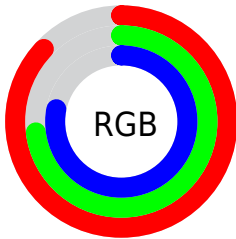
Format	Color
R _Y B	222, 186, 200
Decimal	14596808
CIE Lab	78.94, 15.16, -2.22
CIE LCh	79, 15.319, 351.652
Yxy	54.8175, 0.3319, 0.3131
Android (android.graphics.Color)	4292786888 (0xFFDEBAC8)
YUV	198.3600, 0.8085, 20.7323
Hunter-Lab	74.0388, 10.5268, 2.0550

Details

The Yxy color **54.8175, 0.3319, 0.3131** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.2423, 0.2968, 0.3455**, and the grayscale version is **56.6910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **27.0659, 0.3375, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **45.5740, 0.3472, 0.3027**, and if you desaturate by 10%, it is **65.5755, 0.3193, 0.3231**.

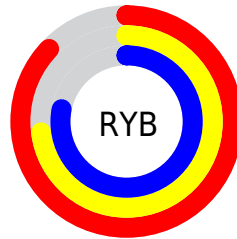
Distribution



Red (87%)

Green (73%)

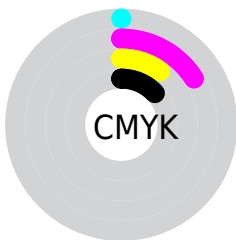
Blue (78%)



Red (87%)

Yellow (73%)

Blue (78%)

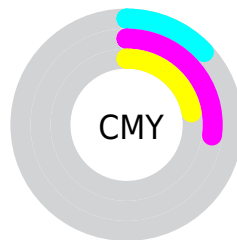


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (13%)



Cyan (13%)


Magenta (27%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8175, 0.3319, 0.3131 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 54.8175, 0.3319, 0.3131 by changing the saturation by 10% instead.


 54.8175, 0.3319,
0.3131

 54.8175, 0.3319,
0.3131


405.2198, 0.3226,
0.3208

 39.2556, 0.3341,
0.3113


 97.2735, 0.3286,
0.3158

 26.9586, 0.3370,
0.3090


124.9364, 0.3273,
0.3169

 17.5422, 0.3407,
0.3060


157.4018, 0.3262,
0.3178

 10.6218, 0.3457,
0.3019

195.0541, 0.3253,
0.3185

 5.8131, 0.3528,
0.2961

238.2776, 0.3245,
0.3192

 2.7318, 0.3640,
0.2873

287.4568, 0.3238,

 0.9934, 0.3838,

0.3198

0.2718

342.9761, 0.3232,
0.3203

0.0000, 0.9045,
0.0000

0.0000, 0.0000,
0.0000

54.8175, 0.3319,
0.3131

54.8175, 0.3319,
0.3131

45.5740, 0.3472,
0.3027

65.5755, 0.3193,
0.3231

37.7693, 0.3656,
0.2921

77.9047, 0.3091,
0.3325

31.3323, 0.3876,
0.2821

91.8677, 0.3006,
0.3411

26.1826, 0.4132,
0.2733

94.2261, 0.2933,
0.3296

■ 22.2316, 0.4422,
0.2670

■ 94.2710, 0.2929,
0.3289

■ 19.3792, 0.4734,
0.2644

■ 17.5088, 0.5051,
0.2667

■ 16.4749, 0.5348,
0.2743

■ 16.2066, 0.5455,
0.2779

Harmonies

Analogous

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



54.8175, 0.3116, 0.3006



54.8175, 0.3319, 0.3131



54.8175, 0.3472, 0.3297

Triad

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



54.8175, 0.3319, 0.3131



54.8175, 0.3327, 0.3649



54.8175, 0.2740, 0.3094

Complementary

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



54.8175, 0.3319, 0.3131



67.2423, 0.2968, 0.3455

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.



54.8175, 0.2793, 0.3268



54.8175, 0.3319, 0.3131



54.8175, 0.3128, 0.3598

Square

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



54.8175, 0.3319, 0.3131



54.8175, 0.3476, 0.3598



54.8175, 0.2933, 0.3456



54.8175, 0.2787, 0.2980

Rectangle

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



54.8175, 0.3319, 0.3131



54.8175, 0.3523, 0.3412



54.8175, 0.2933, 0.3456



54.8175, 0.2747, 0.3147

Sweetspot

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



54.8199, 0.3319, 0.3131



91.6411, 0.3180, 0.3242



53.7468, 0.3031, 0.2876



19.3730, 0.3188, 0.3236



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.



54.8199, 0.3319, 0.3131



71.1242, 0.3361, 0.3101



55.7320, 0.3427, 0.3332



13.7882, 0.3231, 0.3199



9.6457, 0.5417, 0.2758



0.6858, 0.5003, 0.2530

Inverse Universe

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



54.8199, 0.3319, 0.3131



71.1242, 0.3361, 0.3101



66.0690, 0.2881, 0.3247



13.7882, 0.3231, 0.3199



9.6457, 0.5417, 0.2758



0.6858, 0.5003, 0.2530

Previews

White Background



This preview shows how the Yxy color 54.8175, 0.3319, 0.3131 looks on a white background.

Color Contrast Check

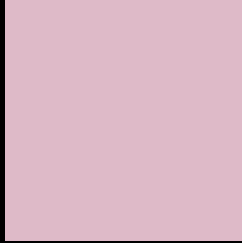
Large Text (above 18pt) WCAG AA × Fail

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 54.8175, 0.3319, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

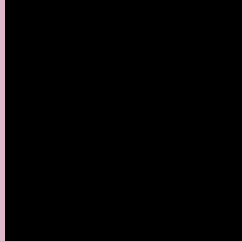
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8175, 0.3319, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 54.8175, 0.3319, 0.3131.



This preview shows how white text looks on a background with the Yxy color 54.8175, 0.3319, 0.3131.

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

54.8175, 0.3319, 0.3131

Protanopia

54.7271, 0.3062, 0.3157

Deuteranopia

55.0966, 0.3247, 0.3185



Tritanopia

54.8175, 0.3319, 0.3131

Trichromacy



Original Color

54.8175, 0.3319, 0.3131

Protanomaly

54.5525, 0.3150, 0.3148

Deuteranomaly

55.1176, 0.3273, 0.3175

Tritanomaly

54.8175, 0.3319, 0.3131

Monochromacy



Original Color

54.8175, 0.3319, 0.3131

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.9725, 0.3194, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8175, 0.3319, 0.3131 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(222, 186, 200)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 200)  
}
```

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(222, 186, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 200) }
```

Border

The CSS property to change the border of an element to Yxy 54.8175, 0.3319, 0.3131 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(222, 186, 200) }
```

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

```
.border{ border-color:rgb(222, 186, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 186, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 200);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8175, 0.3319, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 200) }
```

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

```
.background{ background-color: rgb(222,  
186, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor