

Converting Colors

Yxy(54.8151, 0.3271, 0.3031)

Have a look what the booklet for
Yxy(54.8151, 0.3271, 0.3031)
contains.

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Color

Yxy(54.9400, 0.3264, 0.3031)

Conversions

Conversions Part 1	
Format	Color
Hex	DFB9D0
RGB	223, 185, 208
RGB Percent	87%, 73%, 82%
CMY	0.1255, 0.2745, 0.1843
CMYK	0.00, 0.17, 0.07, 0.13
HSL	324°, 37%, 80%
HSV	324°, 17%, 87%
XYZ	59.1634, 54.9400, 67.1569
YIQ	198.9840, 15.2650, 15.2090

Conversions

Conversions Part 2

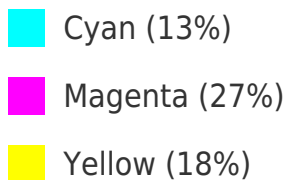
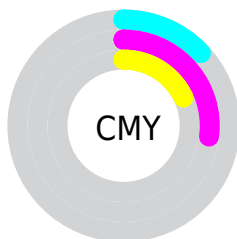
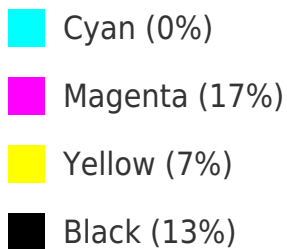
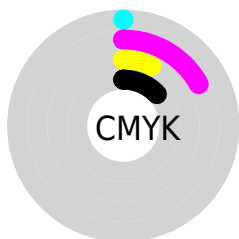
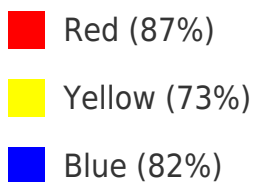
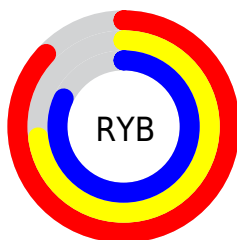
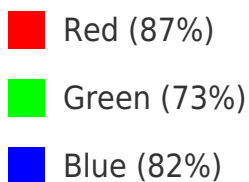
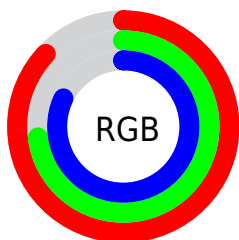
Format	Color
RYB	223, 185, 208
Decimal	14662096
CIELab	79.01, 17.40, -6.44
CIELCh	79, 18.557, 339.693
Yxy	54.9400, 0.3264, 0.3031
Android (android.graphics.Color)	4292852176 (0xFFDFB9D0)
YUV	198.9840, 4.4449, 21.0620
Hunter-Lab	74.1215, 12.7650, -1.8340

Details

The Yxy color **54.9400, 0.3264, 0.3031** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.2580, 0.3011, 0.3564**, and the grayscale version is **57.0693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **27.1605, 0.3300, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **45.9107, 0.3365, 0.2871**, and if you desaturate by 10%, it is **65.4615, 0.3179, 0.3186**.

Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9400, 0.3264, 0.3031 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 54.9400, 0.3264, 0.3031 by changing the saturation by 10% instead.


 54.9400, 0.3264,
0.3031

 54.9400, 0.3264,
0.3031


405.6845, 0.3199,
0.3154

 39.3537, 0.3279,
0.3002


 97.4530, 0.3241,
0.3075

 27.0350, 0.3299,
0.2966


125.1486, 0.3232,
0.3091

 17.5995, 0.3324,
0.2919


157.6493, 0.3225,
0.3106

 10.6628, 0.3357,
0.2856

195.3396, 0.3218,
0.3118

 5.8406, 0.3404,
0.2768

238.6038, 0.3212,
0.3129

 2.7484, 0.3475,
0.2635


287.8265, 0.3207,


 1.0018, 0.3595,


0.3138


0.2414


343.3919, 0.3203,
0.3147


 0.0000, 0.4922,
0.0000


 0.0000, 0.0000,
0.0000


 54.9400, 0.3264,
0.3031


 54.9400, 0.3264,
0.3031


 45.9107, 0.3365,
0.2871


 65.4615, 0.3179,
0.3186


 38.2978, 0.3484,
0.2712


 77.5318, 0.3107,
0.3333

 32.0300, 0.3621,
0.2559

 91.2135, 0.3048,
0.3470


 27.0268, 0.3775,
0.2423


 93.6911, 0.2999,
0.3409


 23.1989, 0.3945,
0.2314


 94.2366, 0.2951,
0.3320

 20.4454, 0.4125,
0.2246

 94.4270, 0.2935,
0.3289

 18.6480, 0.4307,
0.2226

 17.6527, 0.4486,
0.2259

 17.4347, 0.4539,
0.2274

Harmonies

Analogous

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



54.9400, 0.3015, 0.2912



54.9400, 0.3264, 0.3031



54.9400, 0.3483, 0.3214

Triad

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



54.9400, 0.3264, 0.3031



54.9400, 0.3450, 0.3714



54.9400, 0.2673, 0.3128

Complementary

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



54.9400, 0.3264, 0.3031



67.2580, 0.3011, 0.3564

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.



54.9400, 0.2780, 0.3355



54.9400, 0.3264, 0.3031



54.9400, 0.3225, 0.3706

Square

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



54.9400, 0.3264, 0.3031



54.9400, 0.3591, 0.3606



54.9400, 0.2980, 0.3572



54.9400, 0.2681, 0.2958

Rectangle

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



54.9400, 0.3264, 0.3031



54.9400, 0.3578, 0.3353



54.9400, 0.2980, 0.3572



54.9400, 0.2696, 0.3200

Sweetspot

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



54.9424, 0.3264, 0.3031



91.8132, 0.3163, 0.3216



52.2492, 0.2961, 0.2845



19.4148, 0.3169, 0.3205



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.



54.9424, 0.3264, 0.3031



70.4359, 0.3294, 0.2982



54.0819, 0.3416, 0.3240



13.8392, 0.3198, 0.3149



10.2748, 0.4514, 0.2260



0.7297, 0.4259, 0.2120

Inverse Universe

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



54.9424, 0.3264, 0.3031



70.4359, 0.3294, 0.2982



68.1790, 0.2897, 0.3341



13.8392, 0.3198, 0.3149



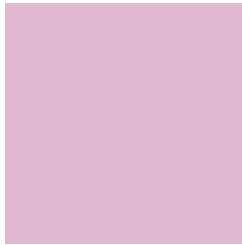
10.2748, 0.4514, 0.2260



0.7297, 0.4259, 0.2120

Previews

White Background



This preview shows how the Yxy color 54.9400, 0.3264, 0.3031 looks on a white background.

Color Contrast Check

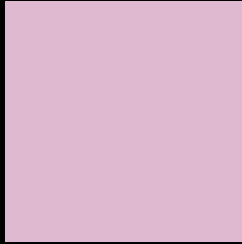
Large Text (above 18pt) WCAG AA × Fail

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 54.9400, 0.3264, 0.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

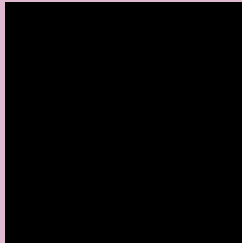
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9400, 0.3264, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 54.9400, 0.3264, 0.3031.



This preview shows how white text looks on a background with the Yxy color 54.9400, 0.3264, 0.3031.

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

54.9400, 0.3264, 0.3031

Protanopia

55.3546, 0.2983, 0.3063

Deuteranopia

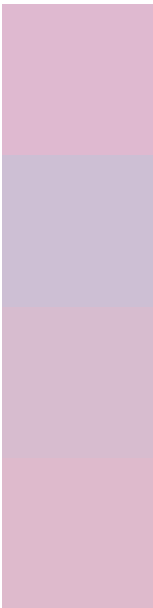
55.0335, 0.3161, 0.3092



Tritanopia

54.8645, 0.3311, 0.3120

Trichromacy



Original Color
54.9400, 0.3264, 0.3031

Protanomaly
54.9942, 0.3083, 0.3044

Deuteranomaly
54.9185, 0.3203, 0.3071

Tritanomaly
55.0070, 0.3287, 0.3086

Monochromacy



Original Color
54.9400, 0.3264, 0.3031

Achromatopsia
57.1125, 0.3127, 0.3290

Achromatomaly
56.2577, 0.3180, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9400, 0.3264, 0.3031 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(223, 185, 208) looks like.

```
.text, #text, p{  
    color:rgb(223, 185, 208)  
}
```

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(223, 185, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 185, 208) }
```

Border

The CSS property to change the border of an element to Yxy 54.9400, 0.3264, 0.3031 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(223, 185, 208) }
```

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

```
.border{ border-color:rgb(223, 185, 208) }
```

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

Here you see how a box with a 4 pixel rgb(223, 185, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 185, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 185, 208);  
box-shadow:4px 4px 4px 4px rgb(223, 185,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9400, 0.3264, 0.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 185, 208) }
```

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

```
.background{ background-color: rgb(223,  
185, 208) }
```

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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