

Converting Colors

Yxy(54.1919, 0.3148, 0.2846)

Have a look what the booklet for
Yxy(54.1919, 0.3148, 0.2846)
contains.

Yxy(54.2594, 0.3148, 0.2845)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.2594, 0.3148, 0.2845)

Conversions

Conversions Part 1

Format	Color
Hex	DEB6DE
RGB	222, 182, 222
RGB Percent	87%, 71%, 87%
CMY	0.1294, 0.2863, 0.1294
CMYK	0.00, 0.18, 0.00, 0.13
HSL	300°, 38%, 79%
HSV	300°, 18%, 87%
XYZ	60.0382, 54.2594, 76.4209
YIQ	198.5200, 11.0000, 20.9200

Conversions

Conversions Part 2

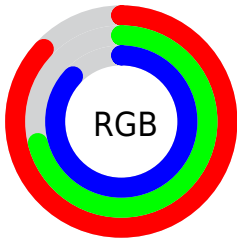
Format	Color
R _Y B	222, 182, 222
Decimal	14595806
CIE Lab	78.61, 21.20, -14.61
CIE LCh	79, 25.744, 325.416
Yxy	54.2594, 0.3148, 0.2845
Android (android.graphics.Color)	4292785886 (0xFFDEB6DE)
YUV	198.5200, 11.5756, 20.5920
Hunter-Lab	73.6610, 16.5816, -9.9488

Details

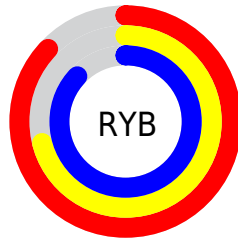
The Yxy color **54.2594, 0.3148, 0.2845** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.5704, 0.3104, 0.3779**, and the grayscale version is **56.7297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **26.7060, 0.3153, 0.2737** is the 20% darker color. If you saturate the color by 10%, you get **45.8773, 0.3160, 0.2596**, and if you desaturate by 10%, it is **64.0877, 0.3136, 0.3095**.

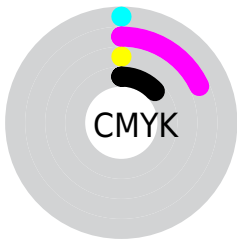
Distribution



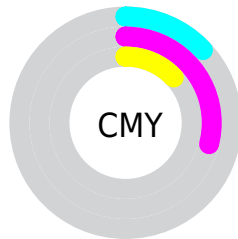
- Red (87%)
- Green (71%)
- Blue (87%)



- Red (87%)
- Yellow (71%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)





- Cyan (13%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2594, 0.3148, 0.2845 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 54.2594, 0.3148, 0.2845 by changing the saturation by 10% instead.


 54.2594, 0.3148,
0.2845

 54.2594, 0.3148,
0.2845


403.0984, 0.3141,
0.3054

 38.8091, 0.3149,
0.2797


 96.4550, 0.3146,
0.2918

 26.6112, 0.3150,
0.2736


123.9691, 0.3145,
0.2946

 17.2815, 0.3150,
0.2659


156.2732, 0.3144,
0.2971

 10.4354, 0.3149,
0.2558

193.7518, 0.3144,
0.2992

 5.6886, 0.3145,
0.2418

236.7892, 0.3143,
0.3010

 2.6566, 0.3135,
0.2214

285.7699, 0.3142,

 0.9552, 0.3105,

0.3027

0.1891

341.0781, 0.3142,
0.3041

0.0000, 0.3030,
0.0000

0.0000, 0.0000,
0.0000

54.2594, 0.3148,
0.2845

54.2594, 0.3148,
0.2845

45.8773, 0.3160,
0.2596

64.0877, 0.3136,
0.3095

38.8666, 0.3171,
0.2355

75.4185, 0.3125,
0.3337

33.1564, 0.3181,
0.2132

88.3136, 0.3114,
0.3569

28.6668, 0.3191,
0.1936

92.3261, 0.3111,
0.3633

■ 25.3089, 0.3198,
0.1776

■ 92.3265, 0.3111,
0.3633

■ 22.9819, 0.3203,
0.1658

■ 92.3269, 0.3111,
0.3633

■ 21.5672, 0.3207,
0.1583

■ 92.3273, 0.3111,
0.3633

■ 20.8968, 0.3209,
0.1547

■ 92.3277, 0.3111,
0.3633

■ 20.8012, 0.3209,
0.1541

■ 92.3281, 0.3111,
0.3632

Harmonies

Analogous

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



54.2594, 0.2819, 0.2737



54.2594, 0.3148, 0.2845



54.2594, 0.3488, 0.3056

Triad

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



54.2594, 0.3148, 0.2845



54.2594, 0.3688, 0.3822



54.2594, 0.2552, 0.3203

Complementary

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



54.2594, 0.3148, 0.2845



65.5704, 0.3104, 0.3779

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.



54.2594, 0.2763, 0.3533



54.2594, 0.3148, 0.2845



54.2594, 0.3417, 0.3904

Square

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



54.2594, 0.3148, 0.2845



54.2594, 0.3809, 0.3606



54.2594, 0.3078, 0.3800



54.2594, 0.2489, 0.2922

Rectangle

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



54.2594, 0.3148, 0.2845



54.2594, 0.3670, 0.3234



54.2594, 0.3078, 0.3800



54.2594, 0.2608, 0.3312

Sweetspot

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



54.2618, 0.3148, 0.2845



92.1329, 0.3133, 0.3168



48.9509, 0.2832, 0.2809



19.4927, 0.3134, 0.3150



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.



54.2618, 0.3148, 0.2845



69.2796, 0.3153, 0.2741



53.2843, 0.3302, 0.3055



13.9356, 0.3138, 0.3059



12.3545, 0.3209, 0.1541



0.8564, 0.3209, 0.1541

Inverse Universe

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



52.3658, 0.3475, 0.3291



66.1800, 0.3578, 0.3291



66.4254, 0.2982, 0.3538



13.7006, 0.3292, 0.3290



9.2243, 0.6401, 0.3300



0.6394, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 54.2594, 0.3148, 0.2845 looks on a white background.

Color Contrast Check

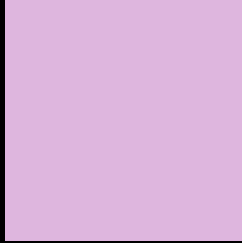
Large Text (above 18pt) WCAG AA × Fail

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 54.2594, 0.3148, 0.2845 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 54.2594, 0.3148, 0.2845

Background



This preview shows how black text looks on a background with the Yxy color 54.2594, 0.3148, 0.2845.



This preview shows how white text looks on a background with the Yxy color 54.2594, 0.3148, 0.2845.

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

54.2594, 0.3148, 0.2845

Protanopia

54.4884, 0.2836, 0.2864

Deuteranopia

54.6039, 0.2994, 0.2929



Tritanopia

54.3480, 0.3294, 0.3129

Trichromacy



Original Color

54.2594, 0.3148, 0.2845

Protanomaly

54.1655, 0.2944, 0.2860

Deuteranomaly

54.3164, 0.3049, 0.2900

Tritanomaly

54.4676, 0.3239, 0.3029

Monochromacy



Original Color

54.2594, 0.3148, 0.2845

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.9103, 0.3135, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2594, 0.3148, 0.2845 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, 182, 222)` looks like.

```
.text, #text, p{  
    color:rgb(222, 182, 222)  
}
```

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, 182, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 182, 222) }
```

Border

The CSS property to change the border of an element to Yxy 54.2594, 0.3148, 0.2845 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, 182, 222) }
```

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

```
.border{ border-color:rgb(222, 182, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 182, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 182, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 182, 222);  
box-shadow:4px 4px 4px 4px rgb(222, 182,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2594, 0.3148, 0.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 182, 222) }
```

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

```
.background{ background-color: rgb(222,  
182, 222) }
```

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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