

Converting Colors

Yxy(54.6048, 0.3258, 0.2923)

Have a look what the booklet for
Yxy(54.6048, 0.3258, 0.2923)
contains.

Yxy(54.4480, 0.3253, 0.2914)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.4480, 0.3253, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	E4B5D7
RGB	228, 181, 215
RGB Percent	89%, 71%, 84%
CMY	0.1060, 0.2902, 0.1567
CMYK	0.00, 0.21, 0.06, 0.11
HSL	317°, 46%, 80%
HSV	317°, 21%, 89%
XYZ	60.7822, 54.4480, 71.6195
YIQ	198.9290, 17.0980, 20.5380

Conversions

Conversions Part 2

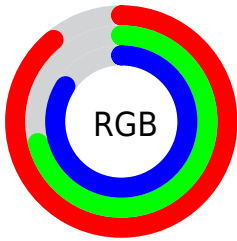
Format	Color
R _Y B	228, 181, 215
Decimal	14988759
CIE Lab	78.72, 22.49, -10.62
CIE LCh	79, 24.870, 334.720
Yxy	54.4480, 0.3253, 0.2914
Android (android.graphics.Color)	4293178839 (0xFFE4B5D7)
YUV	198.9290, 7.9230, 25.4953
Hunter-Lab	73.7889, 17.9055, -5.8946

Details

The Yxy color **54.4480, 0.3253, 0.2914** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.1916, 0.3021, 0.3698**, and the grayscale version is **57.0117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **26.7471, 0.3285, 0.2827** is the 20% darker color. If you saturate the color by 10%, you get **45.6079, 0.3330, 0.2725**, and if you desaturate by 10%, it is **64.8222, 0.3187, 0.3100**.

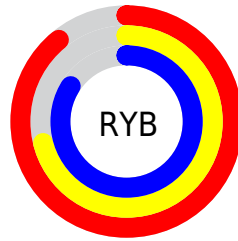
Distribution



Red (89%)

Green (71%)

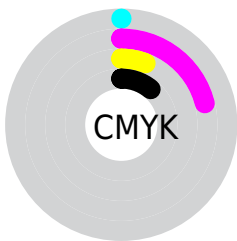
Blue (84%)



Red (89%)

Yellow (71%)

Blue (84%)

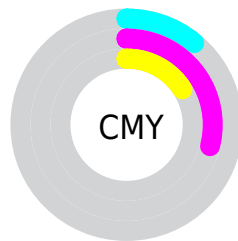


Cyan (0%)

Magenta (21%)

Yellow (6%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4480, 0.3253, 0.2914 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 54.4480, 0.3253, 0.2914 by changing the saturation by 10% instead.


 54.4480, 0.3253,
0.2914

 54.4480, 0.3253,
0.2914


403.8161, 0.3194,
0.3091

 38.9599, 0.3266,
0.2873


 96.7317, 0.3233,
0.2976

 26.7286, 0.3283,
0.2821


124.2962, 0.3225,
0.3000

 17.3695, 0.3304,
0.2755


156.6549, 0.3218,
0.3021

 10.4983, 0.3332,
0.2668

194.1922, 0.3212,
0.3039

 5.7306, 0.3370,
0.2546

237.2926, 0.3207,
0.3054

 2.6819, 0.3425,
0.2368

286.3405, 0.3202,

 0.9680, 0.3509,

0.3068

0.2079

341.7202, 0.3198,
0.3080

0.0000, 0.4133,
0.0000

0.0000, 0.0000,
0.0000

54.4480, 0.3253,
0.2914

54.4480, 0.3253,
0.2914

45.6079, 0.3330,
0.2725

64.8222, 0.3187,
0.3100

38.2210, 0.3417,
0.2540

76.7922, 0.3130,
0.3280

32.2096, 0.3515,
0.2367

90.4249, 0.3083,
0.3449

27.4860, 0.3622,
0.2217

94.3109, 0.3045,
0.3440

■ 23.9523, 0.3735,
0.2100

■ 94.6911, 0.3011,
0.3376

■ 21.4965, 0.3850,
0.2025

■ 95.0843, 0.2976,
0.3312

■ 19.9851, 0.3965,
0.2000

■ 95.2301, 0.2964,
0.3290

■ 19.2126, 0.4069,
0.2015

Harmonies

Analogous

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



54.4480, 0.2921, 0.2775



54.4480, 0.3253, 0.2914



54.4480, 0.3564, 0.3142

Triad

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



54.4480, 0.3253, 0.2914



54.4480, 0.3600, 0.3845



54.4480, 0.2536, 0.3113

Complementary

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



54.4480, 0.3253, 0.2914



69.1916, 0.3021, 0.3698

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.



54.4480, 0.2699, 0.3427



54.4480, 0.3253, 0.2914



54.4480, 0.3309, 0.3870

Square

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



54.4480, 0.3253, 0.2914



54.4480, 0.3768, 0.3670



54.4480, 0.2979, 0.3715



54.4480, 0.2522, 0.2872

Rectangle

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



54.4480, 0.3253, 0.2914



54.4480, 0.3710, 0.3321



54.4480, 0.2979, 0.3715



54.4480, 0.2575, 0.3214

Sweetspot

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



54.4504, 0.3253, 0.2914



90.3551, 0.3160, 0.3183



50.0602, 0.2878, 0.2736



19.1249, 0.3164, 0.3171



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.



54.4504, 0.3253, 0.2914



64.7706, 0.3287, 0.2828



53.3467, 0.3444, 0.3167



14.5439, 0.3180, 0.3121



11.1177, 0.4053, 0.2006



0.8371, 0.3901, 0.1923

Inverse Universe

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



54.4504, 0.3253, 0.2914



64.7706, 0.3287, 0.2828



70.3094, 0.2883, 0.3417



14.5439, 0.3180, 0.3121



11.1177, 0.4053, 0.2006



0.8371, 0.3901, 0.1923

Previews

White Background



This preview shows how the Yxy color 54.4480, 0.3253, 0.2914 looks on a white background.

Color Contrast Check

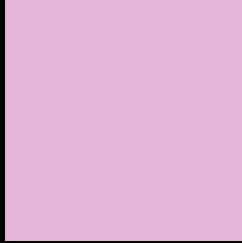
Large Text (above 18pt) WCAG AA × Fail

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 54.4480, 0.3253, 0.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

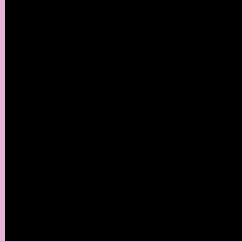
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4480, 0.3253, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 54.4480, 0.3253, 0.2914.



This preview shows how white text looks on a background with the Yxy color 54.4480, 0.3253, 0.2914.

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

54.4480, 0.3253, 0.2914

Protanopia

54.8584, 0.2891, 0.2945

Deuteranopia

54.7528, 0.3084, 0.3022



Tritanopia

54.5269, 0.3372, 0.3132

Trichromacy



Original Color

54.4480, 0.3253, 0.2914

Protanomaly

54.3999, 0.3017, 0.2930

Deuteranomaly

54.6918, 0.3142, 0.2981

Tritanomaly

54.5575, 0.3332, 0.3055

Monochromacy



Original Color

54.4480, 0.3253, 0.2914

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.8087, 0.3175, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4480, 0.3253, 0.2914 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(228, 181, 215)` looks like.

```
.text, #text, p{  
    color:rgb(228, 181, 215)  
}
```

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(228, 181, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 181, 215) }
```

Border

The CSS property to change the border of an element to Yxy 54.4480, 0.3253, 0.2914 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(228, 181, 215) }
```

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

```
.border{ border-color:rgb(228, 181, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 181, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 181, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 181, 215);  
box-shadow:4px 4px 4px 4px rgb(228, 181,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4480, 0.3253, 0.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 181, 215) }
```

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

```
.background{ background-color: rgb(228,  
181, 215) }
```

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