

Converting Colors

$Yxy(54.9283, 0.3244, 0.2920)$

Have a look what the booklet for
Yxy(54.9283, 0.3244, 0.2920)
contains.

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Color

Yxy(54.9077, 0.3245, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	E4B6D8
RGB	228, 182, 216
RGB Percent	89%, 71%, 85%
CMY	0.1057, 0.2863, 0.1530
CMYK	0.00, 0.20, 0.05, 0.11
HSL	316°, 46%, 80%
HSV	316°, 20%, 89%
XYZ	61.1237, 54.9077, 72.3312
YIQ	199.6300, 16.5020, 20.3260

Conversions

Conversions Part 2

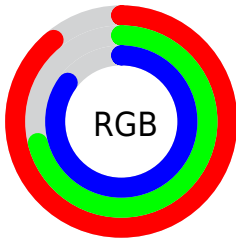
Format	Color
R _Y B	228, 182, 216
Decimal	14989016
CIE Lab	78.99, 22.15, -10.74
CIE LCh	79, 24.613, 334.137
Yxy	54.9077, 0.3245, 0.2915
Android (android.graphics.Color)	4293179096 (0xFFE4B6D8)
YUV	199.6300, 8.0704, 24.8805
Hunter-Lab	74.0997, 17.5672, -6.0052

Details

The Yxy color $54.9077, 0.3245, 0.2915$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $69.3472, 0.3027, 0.3697$, and the grayscale version is $57.4639, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $27.0444, 0.3273, 0.2828$ is the 20% darker color. If you saturate the color by 10%, you get $46.0154, 0.3318, 0.2723$, and if you desaturate by 10%, it is $65.3368, 0.3182, 0.3104$.

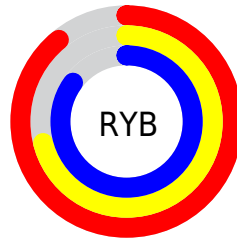
Distribution



Red (89%)

Green (71%)

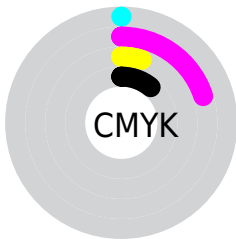
Blue (85%)



Red (89%)

Yellow (71%)

Blue (85%)

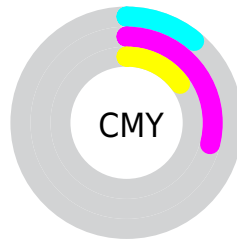


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (11%)



Cyan (11%)

Magenta (29%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9077, 0.3245, 0.2915 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 54.9077, 0.3245, 0.2915 by changing the saturation by 10% instead.


 54.9077, 0.3245,
0.2915

 54.9077, 0.3245,
0.2915

405.5620, 0.3190,
0.3092

 39.3278, 0.3258,
0.2874

 97.4057, 0.3226,
0.2977

 27.0149, 0.3273,
0.2823


125.0926, 0.3219,
0.3001

 17.5844, 0.3293,
0.2757


157.5840, 0.3212,
0.3021

 10.6520, 0.3318,
0.2670

195.2643, 0.3207,
0.3039

 5.8334, 0.3353,
0.2550

238.5178, 0.3202,
0.3055

 2.7440, 0.3403,
0.2373

287.7290, 0.3198,

 0.9996, 0.3479,

0.3069

0.2088

343.2823, 0.3194,
0.3081

0.0000, 0.4085,
0.0000

0.0000, 0.0000,
0.0000

54.9077, 0.3245,
0.2915

54.9077, 0.3245,
0.2915

46.0154, 0.3318,
0.2723

65.3368, 0.3182,
0.3104

38.5791, 0.3401,
0.2534

77.3641, 0.3128,
0.3287

32.5214, 0.3493,
0.2358

91.0566, 0.3083,
0.3459

27.7550, 0.3594,
0.2204

94.3025, 0.3048,
0.3443

■ 24.1823, 0.3700,
0.2083

■ 94.6628, 0.3014,
0.3382

■ 21.6921, 0.3809,
0.2005

■ 95.0349, 0.2982,
0.3322

■ 20.1518, 0.3916,
0.1975

■ 95.2396, 0.2964,
0.3290

■ 19.3400, 0.4018,
0.1987

Harmonies

Analogous

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



54.9077, 0.2918, 0.2780



54.9077, 0.3245, 0.2915



54.9077, 0.3553, 0.3139

Triad

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



54.9077, 0.3245, 0.2915



54.9077, 0.3598, 0.3836



54.9077, 0.2546, 0.3121

Complementary

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



54.9077, 0.3245, 0.2915



69.3472, 0.3027, 0.3697

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.



54.9077, 0.2709, 0.3431



54.9077, 0.3245, 0.2915



54.9077, 0.3313, 0.3863

Square

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



54.9077, 0.3245, 0.2915



54.9077, 0.3761, 0.3661



54.9077, 0.2987, 0.3714



54.9077, 0.2529, 0.2881

Rectangle

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



54.9077, 0.3245, 0.2915



54.9077, 0.3699, 0.3316



54.9077, 0.2987, 0.3714



54.9077, 0.2585, 0.3221

Sweetspot

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



54.9101, 0.3245, 0.2915



90.3684, 0.3159, 0.3181



50.4606, 0.2877, 0.2747



19.1281, 0.3162, 0.3169



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.



54.9101, 0.3245, 0.2915



65.9856, 0.3273, 0.2839



53.8258, 0.3430, 0.3161



14.5474, 0.3178, 0.3118



11.1842, 0.4002, 0.1979



0.8415, 0.3861, 0.1901

Inverse Universe

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



54.9101, 0.3245, 0.2915



65.9856, 0.3273, 0.2839



70.4353, 0.2893, 0.3424



14.5474, 0.3178, 0.3118



11.1842, 0.4002, 0.1979



0.8415, 0.3861, 0.1901

Previews

White Background



This preview shows how the Yxy color 54.9077, 0.3245, 0.2915 looks on a white background.

Color Contrast Check

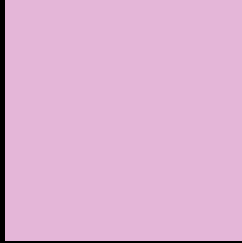
Large Text (above 18pt) WCAG AA × Fail

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 54.9077, 0.3245, 0.2915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

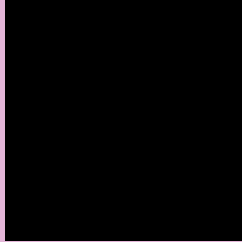
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9077, 0.3245, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 54.9077, 0.3245, 0.2915.



This preview shows how white text looks on a background with the Yxy color 54.9077, 0.3245, 0.2915.

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

54.9077, 0.3245, 0.2915

Protanopia

55.0418, 0.2891, 0.2935

Deuteranopia

54.8038, 0.3076, 0.3010



Tritanopia

54.9902, 0.3362, 0.3132

Trichromacy



Original Color

54.9077, 0.3245, 0.2915

Protanomaly

54.8847, 0.3010, 0.2931

Deuteranomaly

54.7431, 0.3134, 0.2970

Tritanomaly

55.0197, 0.3323, 0.3055

Monochromacy



Original Color

54.9077, 0.3245, 0.2915

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.2978, 0.3166, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9077, 0.3245, 0.2915 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, 182, 216)` looks like.

```
.text, #text, p{  
    color:rgb(228, 182, 216)  
}
```

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, 182, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 182, 216) }
```

Border

The CSS property to change the border of an element to Yxy 54.9077, 0.3245, 0.2915 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, 182, 216) }
```

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

```
.border{ border-color:rgb(228, 182, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 182, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 182, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 182, 216);  
box-shadow:4px 4px 4px 4px rgb(228, 182,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9077, 0.3245, 0.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 182, 216) }
```

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

```
.background{ background-color: rgb(228,  
182, 216) }
```

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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