

Converting Colors

Yxy(54.9284, 0.3145, 0.2816)

Have a look what the booklet for
Yxy(54.9284, 0.3145, 0.2816)
contains.

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Color

Yxy(54.8997, 0.3149, 0.2817)

Conversions

Conversions Part 1

Format	Color
Hex	E1B6E1
RGB	225, 182, 225
RGB Percent	88%, 71%, 88%
CMY	0.1177, 0.2862, 0.1175
CMYK	0.00, 0.19, 0.00, 0.12
HSL	300°, 42%, 80%
HSV	300°, 19%, 88%
XYZ	61.3700, 54.8997, 78.6175
YIQ	199.7590, 11.8250, 22.4890

Conversions

Conversions Part 2

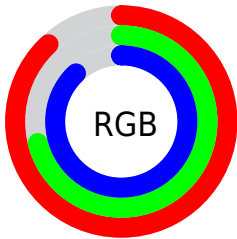
Format	Color
R _Y B	225, 182, 225
Decimal	14792417
CIE Lab	78.98, 22.75, -15.66
CIE LCh	79, 27.616, 325.453
Yxy	54.8997, 0.3149, 0.2817
Android (android.graphics.Color)	4292982497 (0xFFE1B6E1)
YUV	199.7590, 12.4438, 22.1364
Hunter-Lab	74.0943, 18.1807, -11.0434

Details

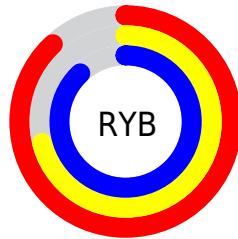
The Yxy color $54.8997, 0.3149, 0.2817$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $67.1958, 0.3103, 0.3813$, and the grayscale version is $57.5210, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $27.0378, 0.3144, 0.2701$ is the 20% darker color. If you saturate the color by 10%, you get $46.4097, 0.3160, 0.2568$, and if you desaturate by 10%, it is $64.8755, 0.3137, 0.3067$.

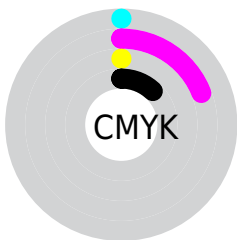
Distribution



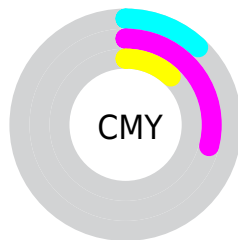
- Red (88%)
- Green (71%)
- Blue (88%)



- Red (88%)
- Yellow (71%)
- Blue (88%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)




- Cyan (12%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8997, 0.3149, 0.2817 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 54.8997, 0.3149, 0.2817 by changing the saturation by 10% instead.


 54.8997, 0.3149,
0.2817

 54.8997, 0.3149,
0.2817


405.5316, 0.3142,
0.3038

 39.3214, 0.3150,
0.2766

 97.3940, 0.3147,
0.2894

 27.0099, 0.3150,
0.2703


125.0788, 0.3146,
0.2924

 17.5806, 0.3150,
0.2622


157.5679, 0.3145,
0.2950

 10.6493, 0.3149,
0.2517

195.2457, 0.3145,
0.2972

 5.8316, 0.3144,
0.2372

238.4965, 0.3144,
0.2992

 2.7429, 0.3132,
0.2162

287.7049, 0.3143,

 0.9990, 0.3099,

0.3009

0.1835

343.2551, 0.3143,
0.3024

0.0000, 0.3156,
0.0000

0.0000, 0.0000,
0.0000

54.8997, 0.3149,
0.2817

54.8997, 0.3149,
0.2817

46.4097, 0.3160,
0.2568

64.8755, 0.3137,
0.3067

39.3277, 0.3171,
0.2328

76.3958, 0.3126,
0.3311

33.5798, 0.3182,
0.2107

89.5250, 0.3115,
0.3544

29.0824, 0.3190,
0.1915

92.9779, 0.3113,
0.3599

■ 25.7424, 0.3197,
0.1760

■ 92.9815, 0.3113,
0.3599

■ 23.4540, 0.3202,
0.1646

■ 92.9852, 0.3113,
0.3599

■ 22.0917, 0.3205,
0.1576

■ 92.9888, 0.3113,
0.3599

■ 21.4577, 0.3207,
0.1542

■ 92.9924, 0.3114,
0.3599

■ 21.4143, 0.3207,
0.1540

■ 92.9960, 0.3114,
0.3599

Harmonies

Analogous

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



54.8997, 0.2798, 0.2702



54.8997, 0.3149, 0.2817



54.8997, 0.3513, 0.3041

Triad

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



54.8997, 0.3149, 0.2817



54.8997, 0.3725, 0.3857



54.8997, 0.2515, 0.3195

Complementary

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



54.8997, 0.3149, 0.2817



67.1958, 0.3103, 0.3813

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.



54.8997, 0.2738, 0.3550



54.8997, 0.3149, 0.2817



54.8997, 0.3435, 0.3947

Square

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



54.8997, 0.3149, 0.2817



54.8997, 0.3856, 0.3625



54.8997, 0.3072, 0.3837



54.8997, 0.2448, 0.2895

Rectangle

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



54.8997, 0.3149, 0.2817



54.8997, 0.3708, 0.3229



54.8997, 0.3072, 0.3837



54.8997, 0.2573, 0.3312

Sweetspot

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



54.9021, 0.3149, 0.2817



90.6208, 0.3134, 0.3143



49.1369, 0.2811, 0.2776



19.1879, 0.3135, 0.3127



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.



54.9021, 0.3149, 0.2817



68.1068, 0.3154, 0.2716



53.8420, 0.3315, 0.3040



13.9349, 0.3138, 0.3059



12.3365, 0.3207, 0.1540



0.8553, 0.3207, 0.1540

Inverse Universe

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



52.8505, 0.3502, 0.3291



64.9021, 0.3604, 0.3291



68.1152, 0.2974, 0.3555



13.7008, 0.3292, 0.3290



9.2247, 0.6400, 0.3299



0.6395, 0.6396, 0.3297

Previews

White Background



This preview shows how the Yxy color 54.8997, 0.3149, 0.2817 looks on a white background.

Color Contrast Check

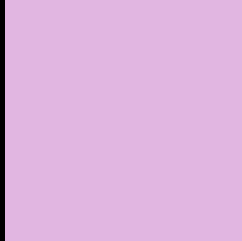
Large Text (above 18pt) WCAG AA × Fail

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 54.8997, 0.3149, 0.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

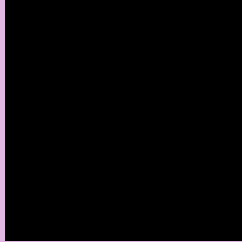
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8997, 0.3149, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 54.8997, 0.3149, 0.2817.



This preview shows how white text looks on a background with the Yxy color 54.8997, 0.3149, 0.2817.

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

54.8997, 0.3149, 0.2817

Protanopia

55.1581, 0.2811, 0.2832

Deuteranopia

55.1459, 0.2980, 0.2919



Tritanopia

54.8645, 0.3311, 0.3120

Trichromacy



Original Color

54.8997, 0.3149, 0.2817

Protanomaly

54.9576, 0.2924, 0.2830

Deuteranomaly

55.0499, 0.3035, 0.2880

Tritanomaly

55.0390, 0.3248, 0.3009

Monochromacy



Original Color

54.8997, 0.3149, 0.2817

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.2987, 0.3136, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8997, 0.3149, 0.2817 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(225, 182, 225)` looks like.

```
.text, #text, p{  
    color:rgb(225, 182, 225)  
}
```

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(225, 182, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 182, 225) }
```

Border

The CSS property to change the border of an element to Yxy 54.8997, 0.3149, 0.2817 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(225, 182, 225) }
```

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

```
.border{ border-color:rgb(225, 182, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 182, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 182, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 182, 225);  
box-shadow:4px 4px 4px 4px rgb(225, 182,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8997, 0.3149, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 182, 225) }
```

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

```
.background{ background-color: rgb(225,  
182, 225) }
```

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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