

Converting Colors

Yxy(54.9284, 0.3174, 0.2810)

Have a look what the booklet for
Yxy(54.9284, 0.3174, 0.2810)
contains.

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Color

Yxy(54.9780, 0.3174, 0.2810)

Conversions

Conversions Part 1

Format	Color
Hex	E4B5E1
RGB	228, 181, 225
RGB Percent	89%, 71%, 88%
CMY	0.1060, 0.2901, 0.1176
CMYK	0.00, 0.21, 0.01, 0.11
HSL	304°, 46%, 80%
HSV	304°, 21%, 89%
XYZ	62.0997, 54.9780, 78.5735
YIQ	200.0690, 13.8880, 23.6480

Conversions

Conversions Part 2

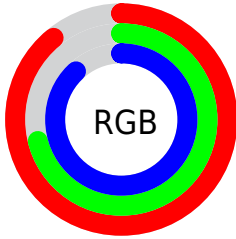
Format	Color
R _Y B	228, 181, 225
Decimal	14988769
CIE Lab	79.03, 24.26, -15.55
CIE LCh	79, 28.814, 327.341
Yxy	54.9780, 0.3174, 0.2810
Android (android.graphics.Color)	4293178849 (0xFFE4B5E1)
YUV	200.0690, 12.2910, 24.4955
Hunter-Lab	74.1472, 19.7398, -10.9265

Details

The Yxy color **54.9780, 0.3174, 0.2810** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.7510, 0.3082, 0.3822**, and the grayscale version is **57.7199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **27.1113, 0.3177, 0.2693** is the 20% darker color. If you saturate the color by 10%, you get **46.3765, 0.3200, 0.2574**, and if you desaturate by 10%, it is **65.1017, 0.3150, 0.3046**.

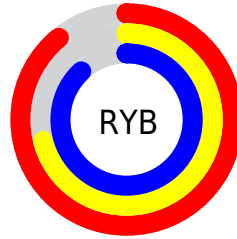
Distribution



Red (89%)

Green (71%)

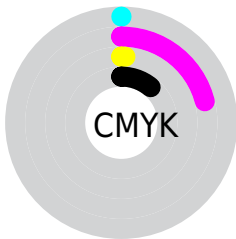
Blue (88%)



Red (89%)

Yellow (71%)

Blue (88%)

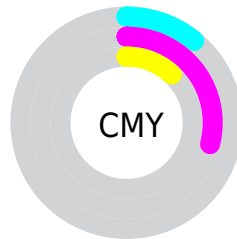


Cyan (0%)

Magenta (21%)

Yellow (1%)

Black (11%)



Cyan (11%)


Magenta (29%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9780, 0.3174, 0.2810 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 54.9780, 0.3174, 0.2810 by changing the saturation by 10% instead.

 54.9780, 0.3174,
0.2810

 54.9780, 0.3174,
0.2810

405.8285, 0.3155,
0.3034

 39.3841, 0.3178,
0.2758

 97.5087, 0.3168,
0.2888

 27.0587, 0.3182,
0.2694


125.2143, 0.3166,
0.2918

 17.6173, 0.3186,
0.2613


157.7260, 0.3163,
0.2944

 10.6756, 0.3191,
0.2506

195.4281, 0.3161,
0.2967

 5.8491, 0.3195,
0.2361

238.7050, 0.3160,
0.2987

 2.7536, 0.3195,
0.2150

287.9411, 0.3158,

 1.0045, 0.3183,

0.3005

0.1822

343.5208, 0.3156,
0.3020

0.0000, 0.3356,
0.0000

0.0000, 0.0000,
0.0000

54.9780, 0.3174,
0.2810

54.9780, 0.3174,
0.2810

46.3765, 0.3200,
0.2574

65.1017, 0.3150,
0.3046

39.2164, 0.3227,
0.2348


76.8091, 0.3128,
0.3277

33.4202, 0.3255,
0.2139


90.1670, 0.3109,
0.3497


28.9004, 0.3283,
0.1958

93.7627, 0.3098,
0.3537


 25.5592, 0.3310,
0.1814


 93.8441, 0.3090,
0.3522

 23.2848, 0.3335,
0.1713

 93.9262, 0.3082,
0.3507

 21.9440, 0.3357,
0.1655

 94.0089, 0.3074,
0.3492

 21.3217, 0.3376,
0.1633

 94.0923, 0.3066,
0.3478

 94.1764, 0.3058,
0.3463

Harmonies

Analogous

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



54.9780, 0.2804, 0.2682



54.9780, 0.3174, 0.2810



54.9780, 0.3552, 0.3048

Triad

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



54.9780, 0.3174, 0.2810



54.9780, 0.3735, 0.3891



54.9780, 0.2480, 0.3167

Complementary

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



54.9780, 0.3174, 0.2810



68.7510, 0.3082, 0.3822

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.



54.9780, 0.2703, 0.3538



54.9780, 0.3174, 0.2810



54.9780, 0.3424, 0.3976

Square

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



54.9780, 0.3174, 0.2810



54.9780, 0.3885, 0.3655



54.9780, 0.3045, 0.3848



54.9780, 0.2422, 0.2862

Rectangle

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



54.9780, 0.3174, 0.2810



54.9780, 0.3748, 0.3245



54.9780, 0.3045, 0.3848



54.9780, 0.2537, 0.3289

Sweetspot

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



54.9804, 0.3174, 0.2810



90.5617, 0.3140, 0.3152



48.7684, 0.2800, 0.2724



19.1739, 0.3141, 0.3137



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.



54.9804, 0.3174, 0.2810



65.5947, 0.3186, 0.2702



53.8151, 0.3358, 0.3054



14.5987, 0.3148, 0.3073



12.3236, 0.3373, 0.1632



0.9154, 0.3347, 0.1617

Inverse Universe

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



54.9804, 0.3174, 0.2810



65.5947, 0.3186, 0.2702



69.7882, 0.2944, 0.3540



14.5987, 0.3148, 0.3073



12.3236, 0.3373, 0.1632



0.9154, 0.3347, 0.1617

Previews

White Background



This preview shows how the Yxy color 54.9780, 0.3174, 0.2810 looks on a white background.

Color Contrast Check

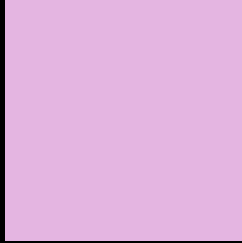
Large Text (above 18pt) WCAG AA × Fail

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 54.9780, 0.3174, 0.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

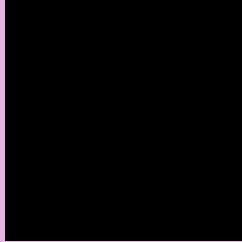
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9780, 0.3174, 0.2810

Background



This preview shows how black text looks on a background with the Yxy color 54.9780, 0.3174, 0.2810.



This preview shows how white text looks on a background with the Yxy color 54.9780, 0.3174, 0.2810.

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

54.9780, 0.3174, 0.2810

Protanopia

55.2155, 0.2804, 0.2821

Deuteranopia

55.1459, 0.2980, 0.2919



Tritanopia

54.7153, 0.3337, 0.3120

Trichromacy



Original Color

54.9780, 0.3174, 0.2810

Protanomaly

54.8612, 0.2932, 0.2809

Deuteranomaly

54.7714, 0.3043, 0.2869

Tritanomaly

54.8920, 0.3274, 0.3010

Monochromacy



Original Color

54.9780, 0.3174, 0.2810

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.4450, 0.3144, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9780, 0.3174, 0.2810 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(228, 181, 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(228, 181, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 181, 225) }
```

Border

The CSS property to change the border of an element to Yxy 54.9780, 0.3174, 0.2810 is called "border". The border property can be set on classes, ids or directly on the HTML element.

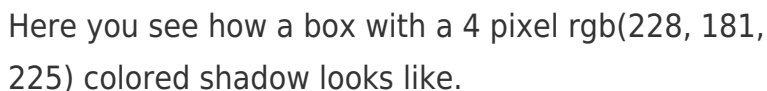
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 181, 225) }
```

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

```
.border{ border-color:rgb(228, 181, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 181, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 181, 225); box-shadow:4px 4px 4px 4px rgb(228, 181, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9780, 0.3174, 0.2810 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, 225) }
```

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

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