

Converting Colors

Yxy(54.7436, 0.3165, 0.2797)

Have a look what the booklet for
Yxy(54.7436, 0.3165, 0.2797)
contains.

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Color

Yxy(54.8696, 0.3158, 0.2798)

Conversions

Conversions Part 1

Format	Color
Hex	E3B5E2
RGB	227, 181, 226
RGB Percent	89%, 71%, 89%
CMY	0.1099, 0.2902, 0.1136
CMYK	0.00, 0.20, 0.00, 0.11
HSL	301°, 45%, 80%
HSV	301°, 20%, 89%
XYZ	61.9293, 54.8696, 79.3040
YIQ	199.8840, 12.9710, 23.7470

Conversions

Conversions Part 2

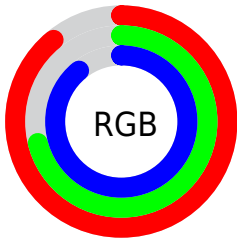
Format	Color
R _Y B	227, 181, 226
Decimal	14923234
CIE _{Lab}	78.97, 24.13, -16.21
CIE _{LCh}	79, 29.070, 326.106
Yxy	54.8696, 0.3158, 0.2798
Android (android.graphics.Color)	4293113314 (0xFFE3B5E2)
YUV	199.8840, 12.8752, 23.7807
Hunter-Lab	74.0740, 19.6047, -11.6244

Details

The Yxy color **54.8696, 0.3158, 0.2798** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.1287, 0.3095, 0.3837**, and the grayscale version is **57.5985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **27.0365, 0.3156, 0.2678** is the 20% darker color. If you saturate the color by 10%, you get **46.3549, 0.3174, 0.2554**, and if you desaturate by 10%, it is **64.8929, 0.3142, 0.3044**.

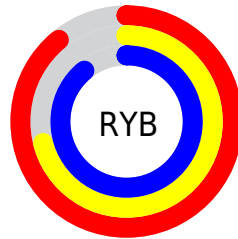
Distribution



Red (89%)

Green (71%)

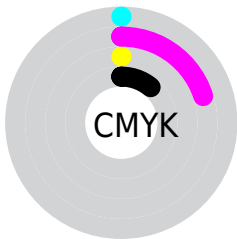
Blue (89%)



Red (89%)

Yellow (71%)

Blue (89%)

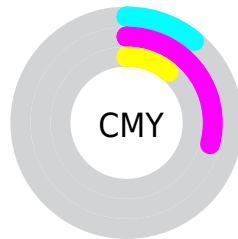


Cyan (0%)

Magenta (20%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8696, 0.3158, 0.2798 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 54.8696, 0.3158, 0.2798 by changing the saturation by 10% instead.


 54.8696, 0.3158,
0.2798

 54.8696, 0.3158,
0.2798


405.4174, 0.3147,
0.3028

 39.2973, 0.3160,
0.2745


 97.3499, 0.3155,
0.2878

 26.9911, 0.3161,
0.2680


125.0267, 0.3153,
0.2909

 17.5665, 0.3162,
0.2597


157.5071, 0.3152,
0.2936

 10.6392, 0.3163,
0.2488

195.1755, 0.3151,
0.2959

 5.8248, 0.3161,
0.2339

238.4164, 0.3150,
0.2979

 2.7388, 0.3152,
0.2124

287.6141, 0.3149,

 0.9970, 0.3123,

0.2997

0.1791

343.1530, 0.3148,
0.3013

0.0000, 0.3224,
0.0000

0.0000, 0.0000,
0.0000

54.8696, 0.3158,
0.2798

54.8696, 0.3158,
0.2798

46.3549, 0.3174,
0.2554

64.8929, 0.3142,
0.3044

39.2690, 0.3191,
0.2319

76.4853, 0.3128,
0.3284

33.5353, 0.3206,
0.2104

89.7131, 0.3114,
0.3514

29.0677, 0.3221,
0.1918

93.4441, 0.3108,
0.3567

■ 25.7697, 0.3235,
0.1769

■ 93.4701, 0.3106,
0.3562

■ 23.5314, 0.3246,
0.1662

■ 93.4961, 0.3103,
0.3558

■ 22.2217, 0.3255,
0.1598

■ 93.5222, 0.3101,
0.3553

■ 21.6188, 0.3262,
0.1571

■ 93.5483, 0.3098,
0.3548

■ 93.5746, 0.3095,
0.3543

Harmonies

Analogous

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



54.8696, 0.2788, 0.2674



54.8696, 0.3158, 0.2798



54.8696, 0.3541, 0.3034

Triad

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



54.8696, 0.3158, 0.2798



54.8696, 0.3751, 0.3890



54.8696, 0.2480, 0.3180

Complementary

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



54.8696, 0.3158, 0.2798



68.1287, 0.3095, 0.3837

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.



54.8696, 0.2711, 0.3556



54.8696, 0.3158, 0.2798



54.8696, 0.3442, 0.3983

Square

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



54.8696, 0.3158, 0.2798



54.8696, 0.3894, 0.3646



54.8696, 0.3060, 0.3863



54.8696, 0.2415, 0.2868

Rectangle

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



54.8696, 0.3158, 0.2798



54.8696, 0.3744, 0.3232



54.8696, 0.3060, 0.3863



54.8696, 0.2540, 0.3304

Sweetspot

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



54.8720, 0.3158, 0.2798



90.6034, 0.3136, 0.3146



48.5137, 0.2795, 0.2732



19.1838, 0.3137, 0.3130



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.



54.8720, 0.3158, 0.2798



66.8938, 0.3164, 0.2702



53.7017, 0.3341, 0.3041



14.6099, 0.3141, 0.3063



12.6127, 0.3261, 0.1570



0.9337, 0.3253, 0.1566

Inverse Universe

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



54.8720, 0.3158, 0.2798



66.8938, 0.3164, 0.2702



69.1495, 0.2956, 0.3554



14.6099, 0.3141, 0.3063



12.6127, 0.3261, 0.1570



0.9337, 0.3253, 0.1566

Previews

White Background



This preview shows how the Yxy color 54.8696, 0.3158, 0.2798 looks on a white background.

Color Contrast Check

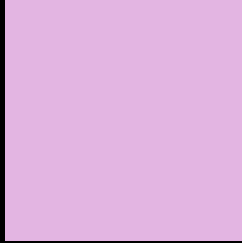
Large Text (above 18pt) WCAG AA × Fail

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 54.8696, 0.3158, 0.2798 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 54.8696, 0.3158, 0.2798

Background



This preview shows how black text looks on a background with the Yxy color 54.8696, 0.3158, 0.2798.



This preview shows how white text looks on a background with the Yxy color 54.8696, 0.3158, 0.2798.

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

54.8696, 0.3158, 0.2798

Protanopia

55.1465, 0.2791, 0.2810

Deuteranopia

55.0609, 0.2965, 0.2907



Tritanopia

54.9759, 0.3327, 0.3131

Trichromacy



Original Color

54.8696, 0.3158, 0.2798

Protanomaly

54.7779, 0.2917, 0.2798

Deuteranomaly

54.6785, 0.3028, 0.2857

Tritanomaly

54.7317, 0.3265, 0.3009

Monochromacy



Original Color

54.8696, 0.3158, 0.2798

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 54.8696, 0.3158, 0.2798 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(227, 181, 226)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 226)  
}
```

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(227, 181, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 226) }
```

Border

The CSS property to change the border of an element to Yxy 54.8696, 0.3158, 0.2798 is called "border". The border property can be set on classes, ids or directly on the HTML element.

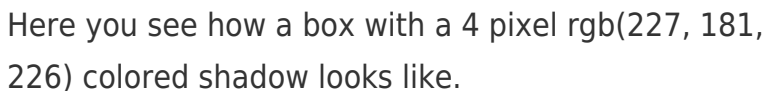
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 181, 226) }
```

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

```
.border{ border-color:rgb(227, 181, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 181, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 181, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 181, 226); box-shadow:4px 4px 4px 4px rgb(227, 181, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8696, 0.3158, 0.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 226) }
```

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

```
.background{ background-color: rgb(227,  
181, 226) }
```

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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