

Converting Colors

Yxy(58.4969, 0.2936, 0.2569)

Have a look what the booklet for
Yxy(58.4969, 0.2936, 0.2569)
contains.

Yxy(58.5066, 0.2939, 0.2568)	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(58.5066, 0.2939, 0.2568)

Conversions

Conversions Part 1

Format	Color
Hex	E2BAFF
RGB	226, 186, 255
RGB Percent	89%, 73%, 100%
CMY	0.1139, 0.2705, 0.0000
CMYK	0.11, 0.27, 0.00, 0.00
HSL	275°, 100%, 86%
HSV	275°, 27%, 100%
XYZ	66.9591, 58.5066, 102.3638
YIQ	205.8260, 1.6910, 29.9390

Conversions

Conversions Part 2

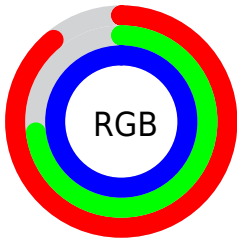
Format	Color
R _Y B	226, 186, 255
Decimal	14859007
CIE Lab	81.02, 26.71, -28.65
CIE LCh	81, 39.170, 312.992
Yxy	58.5066, 0.2939, 0.2568
Android (android.graphics.Color)	4293049087 (0xFFE2BAFF)
YUV	205.8260, 24.2428, 17.6926
Hunter-Lab	76.4896, 22.4023, -25.8033

Details

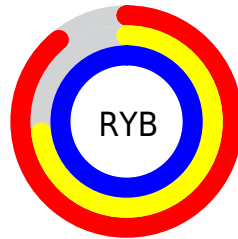
The Yxy color **58.5066, 0.2939, 0.2568** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.5191, 0.3272, 0.4030**, and the grayscale version is **61.4446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **29.3983, 0.2886, 0.2414** is the 20% darker color. If you saturate the color by 10%, you get **47.0233, 0.2849, 0.2278**, and if you desaturate by 10%, it is **72.0206, 0.3018, 0.2849**.

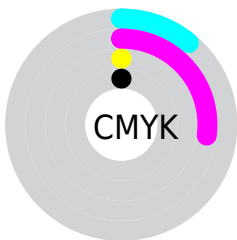
Distribution



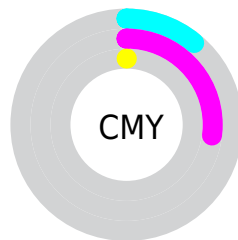
- Red (89%)
- Green (73%)
- Blue (100%)



- Red (89%)
- Yellow (73%)
- Blue (100%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)




- Cyan (11%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5066, 0.2939, 0.2568 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 58.5066, 0.2939, 0.2568 by changing the saturation by 10% instead.


 58.5066, 0.2939,
0.2568

 58.5066, 0.2939,
0.2568


419.0710, 0.3035,
0.2895

 42.2161, 0.2915,
0.2495


 102.6602, 0.2974,
0.2680

 29.2705, 0.2885,
0.2406


131.2921, 0.2987,
0.2724

 19.2856, 0.2845,
0.2296


164.8065, 0.2998,
0.2762

 11.8768, 0.2791,
0.2155

203.5879, 0.3007,
0.2796

 6.6598, 0.2714,
0.1970

248.0207, 0.3016,
0.2825

 3.2503, 0.2596,
0.1717

298.4892, 0.3023,

 1.2638, 0.2402,

0.2851

0.1360

355.3778, 0.3029,
0.2874

0.1129, 0.2153,
0.0320

0.0000, 0.0000,
0.0000

58.5066, 0.2939,
0.2568

58.5066, 0.2939,
0.2568

47.0233, 0.2849,
0.2278

72.0206, 0.3018,
0.2849

37.4593, 0.2748,
0.1989

87.6543, 0.3086,
0.3114

29.7039, 0.2639,
0.1713

99.9995, 0.3127,
0.3290

23.6312, 0.2525,
0.1464

■ 19.0988, 0.2410,
0.1256

■ 15.9396, 0.2299,
0.1097

■ 13.9408, 0.2196,
0.0993

■ 13.4784, 0.2168,
0.0968

Harmonies

Analogous

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



58.5066, 0.2511, 0.2482



58.5066, 0.2939, 0.2568



58.5066, 0.3456, 0.2811

Triad

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



58.5066, 0.2939, 0.2568



58.5066, 0.4059, 0.3937



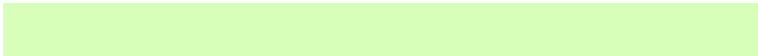
58.5066, 0.2391, 0.3352

Complementary

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



58.5066, 0.2939, 0.2568



89.5191, 0.3272, 0.4030

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.



58.5066, 0.2762, 0.3850



58.5066, 0.2939, 0.2568



58.5066, 0.3727, 0.4180

Square

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



58.5066, 0.2939, 0.2568



58.5066, 0.4133, 0.3564



58.5066, 0.3250, 0.4168



58.5066, 0.2216, 0.2885

Rectangle

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



58.5066, 0.2939, 0.2568



58.5066, 0.3775, 0.3037



58.5066, 0.3250, 0.4168



58.5066, 0.2495, 0.3525

Sweetspot

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



58.5091, 0.2939, 0.2568



86.0747, 0.3080, 0.3090



66.7286, 0.2688, 0.2855



17.8970, 0.3070, 0.3051



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.



58.5091, 0.2939, 0.2568



52.5756, 0.2896, 0.2425



63.3146, 0.3193, 0.2656



17.8970, 0.3070, 0.3051



7.1331, 0.2183, 0.0976



0.7588, 0.2296, 0.1038

Inverse Universe

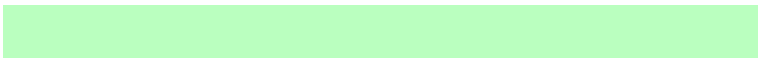
The Inverse Universe completely reimagines the original color for something new.



61.2977, 0.3471, 0.2993



55.8433, 0.3555, 0.2936



85.7024, 0.3066, 0.4019



18.1140, 0.3228, 0.3190



11.6961, 0.5297, 0.2692



1.1601, 0.5004, 0.2530

Previews

White Background



This preview shows how the Yxy color 58.5066, 0.2939, 0.2568 looks on a white background.

Color Contrast Check

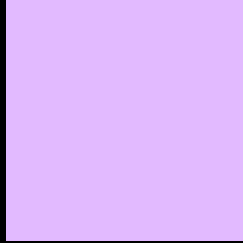
Large Text (above 18pt) WCAG AA × Fail

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 58.5066, 0.2939, 0.2568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

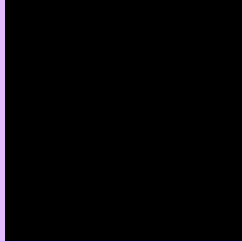
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5066, 0.2939, 0.2568

Background



This preview shows how black text looks on a background with the Yxy color 58.5066, 0.2939, 0.2568.

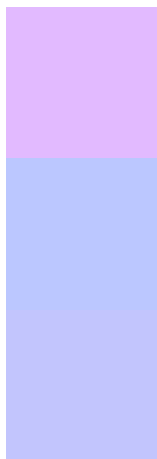


This preview shows how white text looks on a background with the Yxy color 58.5066, 0.2939, 0.2568.

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

58.5066, 0.2939, 0.2568

Protanopia

58.6316, 0.2675, 0.2660

Deuteranopia

58.4937, 0.2731, 0.2665



Tritanopia

58.7434, 0.3207, 0.3121

Trichromacy



Original Color

58.5066, 0.2939, 0.2568



Protanomaly

58.2211, 0.2764, 0.2620



Deuteranomaly

58.4175, 0.2804, 0.2625



Tritanomaly

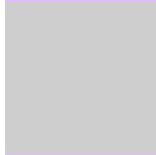
58.7199, 0.3113, 0.2916

Monochromacy



Original Color

58.5066, 0.2939, 0.2568



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

60.3748, 0.3056, 0.3009

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5066, 0.2939, 0.2568 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(226, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 186, 255)  
}
```

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(226, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 186, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.5066, 0.2939, 0.2568 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(226, 186, 255) }
```

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

```
.border{ border-color:rgb(226, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 186, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 186, 255); box-shadow:4px 4px 4px 4px rgb(226, 186, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5066, 0.2939, 0.2568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 186, 255) }
```

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

```
.background{ background-color: rgb(226,  
186, 255) }
```

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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