

Converting Colors

$Yxy(60.0345, 0.3057, 0.2839)$

Have a look what the booklet for
Yxy(60.0345, 0.3057, 0.2839)
contains.

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Color

Yxy(59.8261, 0.3056, 0.2834)

Conversions

Conversions Part 1

Format	Color
Hex	DFC1EB
RGB	223, 193, 235
RGB Percent	87%, 76%, 92%
CMY	0.1253, 0.2432, 0.0783
CMYK	0.05, 0.18, 0.00, 0.08
HSL	283°, 51%, 84%
HSV	283°, 18%, 92%
XYZ	64.5125, 59.8261, 86.7626
YIQ	206.7580, 4.3980, 19.4220

Conversions

Conversions Part 2

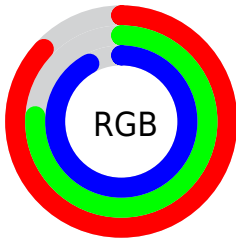
Format	Color
R _Y B	223, 193, 235
Decimal	14664171
CIE Lab	81.74, 18.10, -16.90
CIE LCh	82, 24.763, 316.977
Yxy	59.8261, 0.3056, 0.2834
Android (android.graphics.Color)	4292854251 (0xFFDFC1EB)
YUV	206.7580, 13.9233, 14.2442
Hunter-Lab	77.3473, 13.5224, -12.3641

Details

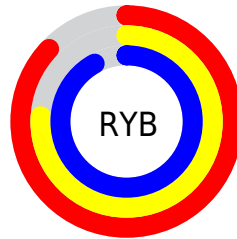
The Yxy color **59.8261, 0.3056, 0.2834** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.2521, 0.3185, 0.3765**, and the grayscale version is **62.1453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **30.0447, 0.3040, 0.2725** is the 20% darker color. If you saturate the color by 10%, you get **49.2094, 0.3006, 0.2563**, and if you desaturate by 10%, it is **72.1410, 0.3099, 0.3095**.

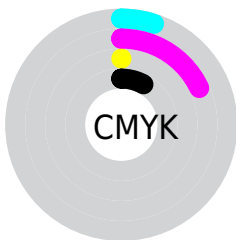
Distribution



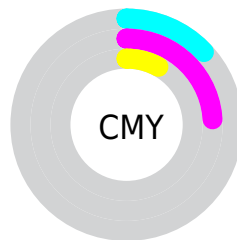
- Red (87%)
- Green (76%)
- Blue (92%)



- Red (87%)
- Yellow (76%)
- Blue (92%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (24%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8261, 0.3056, 0.2834 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 59.8261, 0.3056, 0.2834 by changing the saturation by 10% instead.

59.8261, 0.3056,
0.2834

59.8261, 0.3056,
0.2834

423.9565, 0.3093,
0.3045

43.2785, 0.3047,
0.2786

104.5774, 0.3070,
0.2907

30.1037, 0.3035,
0.2727

133.5498, 0.3075,
0.2936

19.9173, 0.3019,
0.2652

167.4326, 0.3079,
0.2960

12.3349, 0.2996,
0.2554

206.6102, 0.3082,
0.2981

6.9722, 0.2963,
0.2421

251.4670, 0.3086,
0.3000

3.4447, 0.2911,
0.2232

302.3874, 0.3088,

1.3681, 0.2818,

0.3017

0.1942

359.7558, 0.3091,
0.3032

0.1930, 0.2748,
0.0848

0.0000, 0.0000,
0.0000

59.8261, 0.3056,
0.2834

59.8261, 0.3056,
0.2834

49.2094, 0.3006,
0.2563

72.1410, 0.3099,
0.3095

40.2049, 0.2947,
0.2289

86.2196, 0.3134,
0.3340

32.7306, 0.2882,
0.2022

96.5968, 0.3168,
0.3487

26.6942, 0.2810,
0.1773

97.8095, 0.3211,
0.3485

■ 21.9929, 0.2734,
0.1554

■ 98.7796, 0.3244,
0.3483

■ 18.5105, 0.2656,
0.1376

■ 16.1097, 0.2579,
0.1244

■ 14.6027, 0.2504,
0.1160

■ 14.3390, 0.2489,
0.1145

Harmonies

Analogous

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



59.8261, 0.2766, 0.2766



59.8261, 0.3056, 0.2834



59.8261, 0.3379, 0.3009

Triad

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



59.8261, 0.3056, 0.2834



59.8261, 0.3698, 0.3740



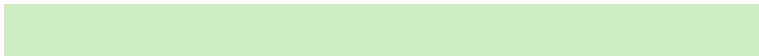
59.8261, 0.2633, 0.3296

Complementary

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



59.8261, 0.3056, 0.2834



76.2521, 0.3185, 0.3765

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.



59.8261, 0.2864, 0.3596



59.8261, 0.3056, 0.2834



59.8261, 0.3479, 0.3856

Square

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



59.8261, 0.3056, 0.2834



59.8261, 0.3761, 0.3516



59.8261, 0.3172, 0.3808



59.8261, 0.2533, 0.3013

Rectangle

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



59.8261, 0.3056, 0.2834



59.8261, 0.3568, 0.3166



59.8261, 0.3172, 0.3808



59.8261, 0.2698, 0.3399

Sweetspot

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



59.8287, 0.3056, 0.2834



91.4514, 0.3110, 0.3167



61.2823, 0.2840, 0.2952



19.3266, 0.3107, 0.3149



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.



59.8287, 0.3056, 0.2834



67.6865, 0.3041, 0.2748



61.3231, 0.3210, 0.2932



15.0859, 0.3092, 0.3055



8.0462, 0.2500, 0.1151



0.6801, 0.2602, 0.1207

Inverse Universe

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



60.2034, 0.3378, 0.3160



68.2371, 0.3433, 0.3136



75.0014, 0.3054, 0.3677



15.1245, 0.3248, 0.3223



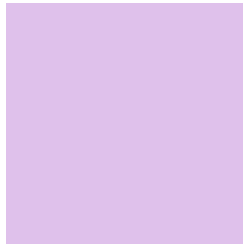
10.0735, 0.5813, 0.2976



0.8071, 0.5419, 0.2759

Previews

White Background



This preview shows how the Yxy color 59.8261, 0.3056, 0.2834 looks on a white background.

Color Contrast Check

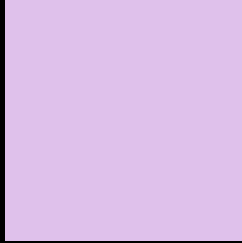
Large Text (above 18pt) WCAG AA × Fail

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 59.8261, 0.3056, 0.2834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

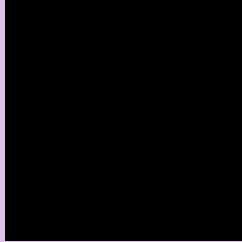
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8261, 0.3056, 0.2834

Background



This preview shows how black text looks on a background with the Yxy color 59.8261, 0.3056, 0.2834.



This preview shows how white text looks on a background with the Yxy color 59.8261, 0.3056, 0.2834.

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

59.8261, 0.3056, 0.2834

Protanopia

60.1940, 0.2815, 0.2847

Deuteranopia

59.7386, 0.2950, 0.2887



Tritanopia

59.9016, 0.3198, 0.3122

Trichromacy



Original Color

59.8261, 0.3056, 0.2834

Protanomaly

60.0580, 0.2896, 0.2843

Deuteranomaly

59.5665, 0.2987, 0.2868

Tritanomaly

60.0193, 0.3147, 0.3024

Monochromacy



Original Color

59.8261, 0.3056, 0.2834

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.3969, 0.3105, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8261, 0.3056, 0.2834 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(223, 193, 235)` looks like.

```
.text, #text, p{  
    color:rgb(223, 193, 235)  
}
```

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(223, 193, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 193, 235) }
```

Border

The CSS property to change the border of an element to Yxy 59.8261, 0.3056, 0.2834 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(223, 193, 235) }
```

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

```
.border{ border-color:rgb(223, 193, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 193, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 193, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 193, 235);  
box-shadow:4px 4px 4px 4px rgb(223, 193,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8261, 0.3056, 0.2834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 193, 235) }
```

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

```
.background{ background-color: rgb(223,  
193, 235) }
```

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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