

Converting Colors

$Yxy(57.9031, 0.3060, 0.2714)$

Have a look what the booklet for
Yxy(57.9031, 0.3060, 0.2714)
contains.

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Color

Yxy(57.9031, 0.3060, 0.2714)

Conversions

Conversions Part 1

Format	Color
Hex	E4BAF0
RGB	228, 186, 240
RGB Percent	89%, 73%, 94%
CMY	0.1058, 0.2706, 0.0589
CMYK	0.05, 0.22, 0.00, 0.06
HSL	287°, 64%, 84%
HSV	287°, 22%, 94%
XYZ	65.2850, 57.9031, 90.1616
YIQ	204.7140, 7.6980, 25.6980

Conversions

Conversions Part 2

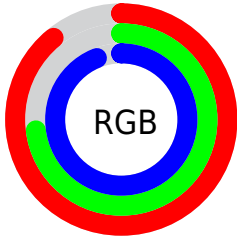
Format	Color
R _Y B	228, 186, 240
Decimal	14990064
CIE _{Lab}	80.68, 24.41, -21.11
CIE _{LCh}	81, 32.276, 319.149
Y _{xy}	57.9031, 0.3060, 0.2714
Android (android.graphics.Color)	4293180144 (0xFFE4BAF0)
YUV	204.7140, 17.3960, 20.4218
Hunter-Lab	76.0941, 19.9796, -16.9851

Details

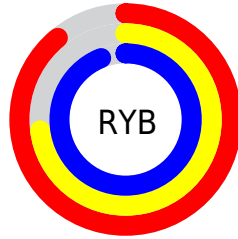
The Yxy color $57.9031, 0.3060, 0.2714$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $77.8576, 0.3176, 0.3907$, and the grayscale version is $60.7454, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9843, 0.3133, 0.3165$, and $29.0064, 0.3035, 0.2585$ is the 20% darker color. If you saturate the color by 10%, you get $47.7724, 0.3020, 0.2446$, and if you desaturate by 10%, it is $69.7636, 0.3093, 0.2977$.

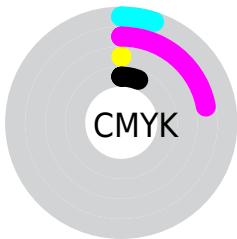
Distribution



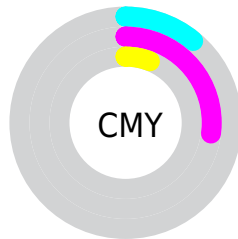
- Red (89%)
- Green (73%)
- Blue (94%)



- Red (89%)
- Yellow (73%)
- Blue (94%)



- Cyan (5%)
- Magenta (22%)
- Yellow (0%)
- Black (6%)





- Cyan (11%)
- Magenta (27%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9031, 0.3060, 0.2714 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 57.9031, 0.3060, 0.2714 by changing the saturation by 10% instead.

 57.9031, 0.3060,
0.2714

 57.9031, 0.3060,
0.2714


416.8248, 0.3097,
0.2979

 41.7308, 0.3050,
0.2654


 101.7817, 0.3074,
0.2805

 28.8905, 0.3037,
0.2581


130.2568, 0.3079,
0.2841

 18.9980, 0.3020,
0.2488


163.6016, 0.3083,
0.2872

 11.6688, 0.2995,
0.2368

202.2005, 0.3087,
0.2899

 6.5186, 0.2958,
0.2208

246.4378, 0.3090,
0.2922

 3.1629, 0.2898,
0.1982


296.6981, 0.3093,

 1.2174, 0.2788,


0.2943


0.1646

353.3656, 0.3095,
0.2962


 0.0758, 0.2746,
0.0312


 0.0000, 0.0000,
0.0000

 57.9031, 0.3060,
0.2714


 57.9031, 0.3060,
0.2714


 47.7724, 0.3020,
0.2446


 69.7636, 0.3093,
0.2977

 39.2790, 0.2975,
0.2182

 83.4254, 0.3121,
0.3229

 32.3330, 0.2923,
0.1932

 97.0393, 0.3145,
0.3437

 26.8330, 0.2867,
0.1708

 98.0043, 0.3178,
0.3436

■ 22.6650, 0.2808,
0.1520

■ 98.9970, 0.3212,
0.3435

■ 19.6979, 0.2748,
0.1376

■ 99.0704, 0.3215,
0.3434

■ 17.7732, 0.2688,
0.1278

■ 16.8306, 0.2645,
0.1231

Harmonies

Analogous

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



57.9031, 0.2678, 0.2613



57.9031, 0.3060, 0.2714



57.9031, 0.3487, 0.2944

Triad

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



57.9031, 0.3060, 0.2714



57.9031, 0.3861, 0.3890



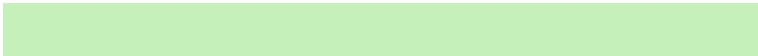
57.9031, 0.2468, 0.3261

Complementary

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



57.9031, 0.3060, 0.2714



77.8576, 0.3176, 0.3907

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.



57.9031, 0.2752, 0.3671



57.9031, 0.3060, 0.2714



57.9031, 0.3557, 0.4042

Square

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



57.9031, 0.3060, 0.2714



57.9031, 0.3966, 0.3598



57.9031, 0.3149, 0.3971



57.9031, 0.2354, 0.2895

Rectangle

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



57.9031, 0.3060, 0.2714



57.9031, 0.3732, 0.3148



57.9031, 0.3149, 0.3971



57.9031, 0.2546, 0.3400

Sweetspot

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



57.9056, 0.3060, 0.2714



88.3928, 0.3109, 0.3117



57.3907, 0.2757, 0.2810



18.7160, 0.3108, 0.3102



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.



57.9056, 0.3060, 0.2714



60.8813, 0.3043, 0.2591



59.1088, 0.3263, 0.2872



15.8445, 0.3102, 0.3055



9.2759, 0.2654, 0.1236



0.8147, 0.2731, 0.1278

Inverse Universe

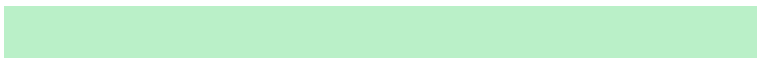
The Inverse Universe completely reimagines the original color for something new.



57.7158, 0.3488, 0.3161



60.6773, 0.3585, 0.3133



76.9394, 0.3014, 0.3748



15.8162, 0.3258, 0.3238



10.2989, 0.6014, 0.3087



0.8713, 0.5653, 0.2888

Previews

White Background



This preview shows how the Yxy color 57.9031, 0.3060, 0.2714 looks on a white background.

Color Contrast Check

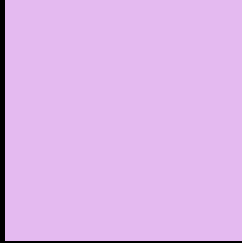
Large Text (above 18pt) WCAG AA × Fail

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 57.9031, 0.3060, 0.2714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

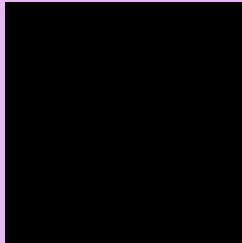
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9031, 0.3060, 0.2714

Background



This preview shows how black text looks on a background with the Yxy color 57.9031, 0.3060, 0.2714.



This preview shows how white text looks on a background with the Yxy color 57.9031, 0.3060, 0.2714.

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

57.9031, 0.3060, 0.2714

Protanopia

58.0465, 0.2722, 0.2711

Deuteranopia

58.2095, 0.2880, 0.2816



Tritanopia

57.8922, 0.3265, 0.3122

Trichromacy



Original Color

57.9031, 0.3060, 0.2714

Protanomaly

57.9339, 0.2834, 0.2711

Deuteranomaly

57.7802, 0.2938, 0.2769

Tritanomaly

57.9489, 0.3190, 0.2970

Monochromacy



Original Color

57.9031, 0.3060, 0.2714

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.5963, 0.3099, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9031, 0.3060, 0.2714 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, 186, 240)` looks like.

```
.text, #text, p{  
    color:rgb(228, 186, 240)  
}
```

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, 186, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 186, 240) }
```

Border

The CSS property to change the border of an element to Yxy 57.9031, 0.3060, 0.2714 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, 186, 240) }
```

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

```
.border{ border-color:rgb(228, 186, 240) }
```

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

Here you see how a box with a 4 pixel rgb(228, 186, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 186, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 186, 240);  
box-shadow:4px 4px 4px 4px rgb(228, 186,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9031, 0.3060, 0.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 186, 240) }
```

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

```
.background{ background-color: rgb(228,  
186, 240) }
```

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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