

Converting Colors

Yxy(56.7214, 0.2964, 0.2579)

Have a look what the booklet for
Yxy(56.7214, 0.2964, 0.2579)
contains.

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Color

Yxy(56.7767, 0.2966, 0.2581)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E1B7FA |
| RGB | 225, 183, 250 |
| RGB Percent | 88%, 72%, 98% |
| CMY | 0.1175, 0.2824, 0.0196 |
| CMYK | 0.10, 0.27, 0.00, 0.02 |
| HSL | 278°, 87%, 85% |
| HSV | 278°, 27%, 98% |
| XYZ | 65.2459, 56.7767, 97.9569 |
| YIQ | 203.1960, 3.5250, 29.7410 |

Conversions

Conversions Part 2

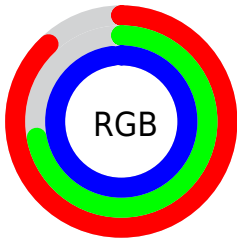
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 225, 183, 250 |
| Decimal | 14792698 |
| CIE Lab | 80.05, 27.05, -27.46 |
| CIE LCh | 80, 38.545, 314.561 |
| Yxy | 56.7767, 0.2966, 0.2581 |
| Android (android.graphics.Color) | 4292982778 (0xFFE1B7FA) |
| YUV | 203.1960, 23.0744, 19.1221 |
| Hunter-Lab | 75.3503, 22.7003, -24.3329 |

Details

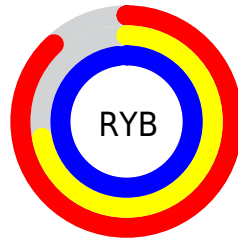
The Yxy color $56.7767, 0.2966, 0.2581$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $85.1900, 0.3249, 0.4027$, and the grayscale version is $59.7040, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $28.2505, 0.2920, 0.2428$ is the 20% darker color. If you saturate the color by 10%, you get $45.9097, 0.2887, 0.2297$, and if you desaturate by 10%, it is $69.5616, 0.3034, 0.2858$.

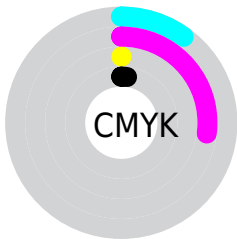
Distribution



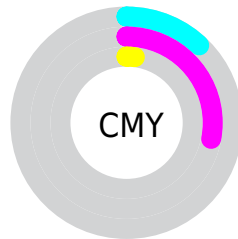
- Red (88%)
- Green (72%)
- Blue (98%)



- Red (88%)
- Yellow (72%)
- Blue (98%)



- Cyan (10%)
- Magenta (27%)
- Yellow (0%)
- Black (2%)




- Cyan (12%)
- Magenta (28%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7767, 0.2966, 0.2581 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 56.7767, 0.2966, 0.2581 by changing the saturation by 10% instead.


 56.7767, 0.2966,
0.2581

 56.7767, 0.2966,
0.2581


412.6120, 0.3049,
0.2904

 40.8260, 0.2945,
0.2509


 100.1393, 0.2997,
0.2692

 28.1831, 0.2918,
0.2420


128.3200, 0.3008,
0.2736

 18.4638, 0.2882,
0.2310


161.3461, 0.3018,
0.2773

 11.2835, 0.2833,
0.2168

199.6020, 0.3026,
0.2806

 6.2578, 0.2762,
0.1981

243.4722, 0.3033,
0.2835

 3.0025, 0.2651,
0.1724


293.3410, 0.3039,


 1.1330, 0.2463,

0.2861

0.1357

349.5928, 0.3045,
0.2884


 0.0060, 0.2254,
0.0020


 0.0000, 0.0000,
0.0000


 56.7767, 0.2966,
0.2581

 56.7767, 0.2966,
0.2581


 45.9097, 0.2887,
0.2297


 69.5616, 0.3034,
0.2858

 36.8551, 0.2799,
0.2015

 84.3483, 0.3093,
0.3121

 29.5082, 0.2704,
0.1747

 99.2996, 0.3143,
0.3338

 23.7503, 0.2603,
0.1507

 99.6818, 0.3156,
0.3338

■ 19.4469, 0.2500,
0.1306

■ 16.4403, 0.2400,
0.1154

■ 14.5314, 0.2306,
0.1054

■ 14.0546, 0.2277,
0.1028

Harmonies

Analogous

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



56.7767, 0.2533, 0.2487



56.7767, 0.2966, 0.2581



56.7767, 0.3480, 0.2830

Triad

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



56.7767, 0.2966, 0.2581



56.7767, 0.4041, 0.3951



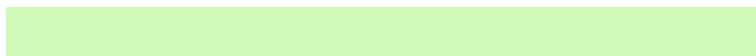
56.7767, 0.2381, 0.3325

Complementary

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



56.7767, 0.2966, 0.2581



85.1900, 0.3249, 0.4027

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.



56.7767, 0.2741, 0.3823



56.7767, 0.2966, 0.2581



56.7767, 0.3702, 0.4181

Square

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



56.7767, 0.2966, 0.2581



56.7767, 0.4130, 0.3584



56.7767, 0.3223, 0.4153



56.7767, 0.2218, 0.2867

Rectangle

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



56.7767, 0.2966, 0.2581



56.7767, 0.3793, 0.3058



56.7767, 0.3223, 0.4153



56.7767, 0.2481, 0.3496

Sweetspot

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



56.7791, 0.2966, 0.2581



86.2547, 0.3086, 0.3090



62.4114, 0.2689, 0.2821



17.9424, 0.3078, 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.



56.7791, 0.2966, 0.2581



53.2036, 0.2926, 0.2433



60.6092, 0.3218, 0.2693



17.1826, 0.3078, 0.3052



7.5402, 0.2292, 0.1036



0.7587, 0.2401, 0.1096

Inverse Universe

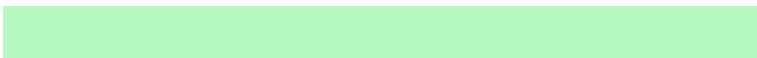
The Inverse Universe completely reimagines the original color for something new.



58.7397, 0.3493, 0.3030



55.6510, 0.3590, 0.2976



82.1874, 0.3048, 0.3970



17.3322, 0.3235, 0.3202



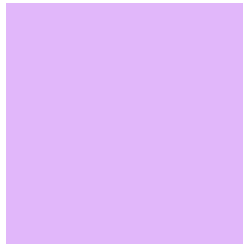
11.2266, 0.5492, 0.2799



1.0595, 0.5167, 0.2620

Previews

White Background



This preview shows how the Yxy color 56.7767, 0.2966, 0.2581 looks on a white background.

Color Contrast Check

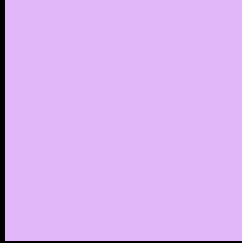
Large Text (above 18pt) WCAG AA × Fail

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 56.7767, 0.2966, 0.2581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

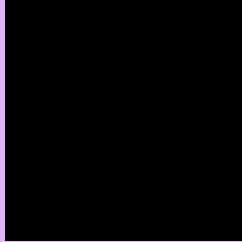
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7767, 0.2966, 0.2581

Background



This preview shows how black text looks on a background with the Yxy color 56.7767, 0.2966, 0.2581.

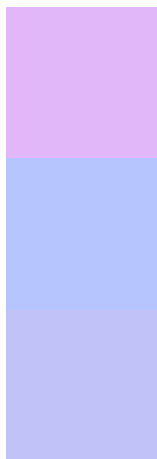


This preview shows how white text looks on a background with the Yxy color 56.7767, 0.2966, 0.2581.

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

56.7767, 0.2966, 0.2581

Protanopia

57.2198, 0.2647, 0.2632

Deuteranopia

57.1450, 0.2753, 0.2691



Tritanopia

56.6233, 0.3233, 0.3119

Trichromacy



Original Color

56.7767, 0.2966, 0.2581



Protanomaly

56.7969, 0.2754, 0.2613



Deuteranomaly

57.0803, 0.2827, 0.2650



Tritanomaly

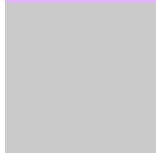
56.6125, 0.3137, 0.2912

Monochromacy



Original Color

56.7767, 0.2966, 0.2581



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.4960, 0.3070, 0.3017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7767, 0.2966, 0.2581 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(225, 183, 250)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 250)  
}
```

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(225, 183, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 250) }
```

Border

The CSS property to change the border of an element to Yxy 56.7767, 0.2966, 0.2581 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(225, 183, 250) }
```

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

```
.border{ border-color:rgb(225, 183, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 183, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 250);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7767, 0.2966, 0.2581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 250) }
```

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

```
.background{ background-color: rgb(225,  
183, 250) }
```

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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