

Converting Colors

Yxy(57.4486, 0.2984, 0.2526)

Have a look what the booklet for
Yxy(57.4486, 0.2984, 0.2526)
contains.

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Color

Yxy(57.4236, 0.2984, 0.2525)

Conversions

Conversions Part 1

Format	Color
Hex	E8B5FF
RGB	232, 181, 255
RGB Percent	91%, 71%, 100%
CMY	0.0901, 0.2902, 0.0000
CMYK	0.09, 0.29, 0.00, 0.00
HSL	281°, 100%, 85%
HSV	281°, 29%, 100%
XYZ	67.8622, 57.4236, 102.1344
YIQ	204.6850, 6.6420, 33.8260

Conversions

Conversions Part 2

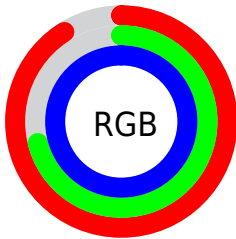
Format	Color
R _Y B	232, 181, 255
Decimal	15250943
CIE Lab	80.42, 31.30, -29.54
CIE LCh	80, 43.039, 316.652
Yxy	57.4236, 0.2984, 0.2525
Android (android.graphics.Color)	4293441023 (0xFFE8B5FF)
YUV	204.6850, 24.8053, 23.9553
Hunter-Lab	75.7784, 27.2409, -26.8665

Details

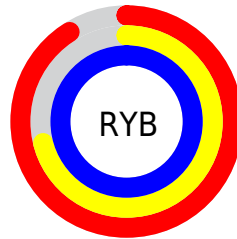
The Yxy color $57.4236, 0.2984, 0.2525$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87.6876, 0.3229, 0.4104$, and the grayscale version is $60.6776, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $28.7457, 0.2944, 0.2363$ is the 20% darker color. If you saturate the color by 10%, you get $46.6918, 0.2918, 0.2248$, and if you desaturate by 10%, it is $70.1144, 0.3041, 0.2800$.

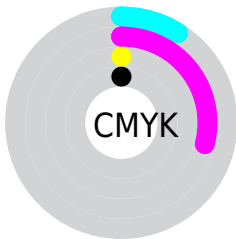
Distribution



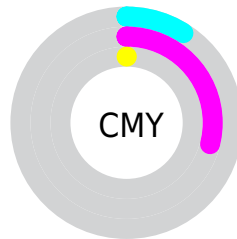
- Red (91%)
- Green (71%)
- Blue (100%)



- Red (91%)
- Yellow (71%)
- Blue (100%)



- Cyan (9%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)




- Cyan (9%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4236, 0.2984, 0.2525 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 57.4236, 0.2984, 0.2525 by changing the saturation by 10% instead.


 57.4236, 0.2984,
0.2525

 57.4236, 0.2984,
0.2525

415.0347, 0.3060,
0.2871

 41.3454, 0.2964,
0.2448

 101.0830, 0.3012,
0.2643

 28.5891, 0.2939,
0.2355


129.4330, 0.3023,
0.2690

 18.7702, 0.2906,
0.2240


162.6425, 0.3031,
0.2730

 11.5043, 0.2860,
0.2092

201.0957, 0.3039,
0.2765

 6.4071, 0.2792,
0.1900

245.1772, 0.3045,
0.2796

 3.0942, 0.2687,
0.1639


295.2712, 0.3051,

 1.1811, 0.2509,


0.2824


0.1274

351.7623, 0.3056,
0.2848


 0.0462, 0.2316,
0.0132


 0.0000, 0.0000,
0.0000


 57.4236, 0.2984,
0.2525


 57.4236, 0.2984,
0.2525

 46.6918, 0.2918,
0.2248


 70.1144, 0.3041,
0.2800

 37.8121, 0.2845,
0.1977

 84.8583, 0.3090,
0.3065

 30.6710, 0.2765,
0.1725

100.0000, 0.3127,
0.3290

 25.1411, 0.2680,
0.1505

■ 21.0774, 0.2595,
0.1327

■ 18.3075, 0.2511,
0.1198

■ 16.5776, 0.2431,
0.1116

■ 16.4333, 0.2423,
0.1109

Harmonies

Analogous

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



57.4236, 0.2498, 0.2407



57.4236, 0.2984, 0.2525



57.4236, 0.3557, 0.2806

Triad

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



57.4236, 0.2984, 0.2525



57.4236, 0.4120, 0.4039



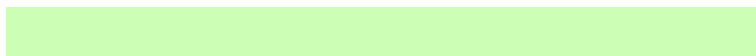
57.4236, 0.2282, 0.3285

Complementary

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



57.4236, 0.2984, 0.2525



87.6876, 0.3229, 0.4104

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.



57.4236, 0.2662, 0.3852



57.4236, 0.2984, 0.2525



57.4236, 0.3725, 0.4289

Square

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



57.4236, 0.2984, 0.2525



57.4236, 0.4247, 0.3636



57.4236, 0.3189, 0.4243



57.4236, 0.2123, 0.2787

Rectangle

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



57.4236, 0.2984, 0.2525



57.4236, 0.3901, 0.3059



57.4236, 0.3189, 0.4243



57.4236, 0.2386, 0.3477

Sweetspot

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



57.4245, 0.2984, 0.2525



84.8954, 0.3090, 0.3065



60.4314, 0.2644, 0.2717



17.6837, 0.3084, 0.3028



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.



57.4245, 0.2984, 0.2525



50.7812, 0.2946, 0.2359



60.6804, 0.3265, 0.2688



18.0010, 0.3088, 0.3052



8.6694, 0.2436, 0.1116



0.9020, 0.2526, 0.1165

Inverse Universe

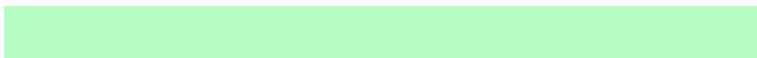
The Inverse Universe completely reimagines the original color for something new.



58.6615, 0.3574, 0.3053



52.3120, 0.3702, 0.3002



85.2628, 0.3015, 0.3979



18.0799, 0.3245, 0.3216



11.4283, 0.5732, 0.2931



1.1314, 0.5412, 0.2755

Previews

White Background



This preview shows how the Yxy color 57.4236, 0.2984, 0.2525 looks on a white background.

Color Contrast Check

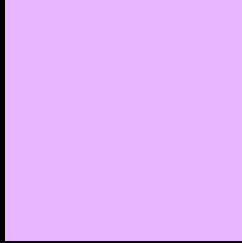
Large Text (above 18pt) WCAG AA × Fail

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 57.4236, 0.2984, 0.2525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

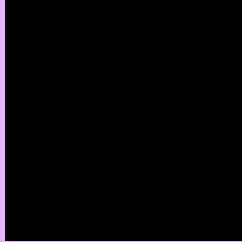
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.4236, 0.2984, 0.2525

Background



This preview shows how black text looks on a background with the Yxy color 57.4236, 0.2984, 0.2525.

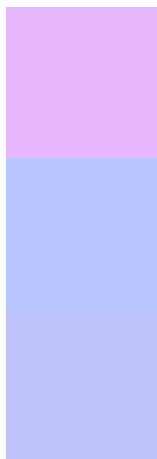


This preview shows how white text looks on a background with the Yxy color 57.4236, 0.2984, 0.2525.

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

57.4236, 0.2984, 0.2525

Protanopia

57.7985, 0.2655, 0.2645

Deuteranopia

57.7146, 0.2723, 0.2661



Tritanopia

57.5167, 0.3290, 0.3133

Trichromacy



Original Color

57.4236, 0.2984, 0.2525



Protanomaly

57.3368, 0.2762, 0.2597



Deuteranomaly

57.6189, 0.2816, 0.2613



Tritanomaly

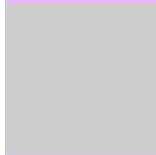
57.1993, 0.3178, 0.2896

Monochromacy



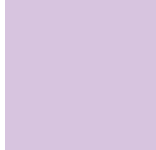
Original Color

57.4236, 0.2984, 0.2525



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.2546, 0.3079, 0.2987

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4236, 0.2984, 0.2525 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(232, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 181, 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(232, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 181, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.4236, 0.2984, 0.2525 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(232, 181, 255) }
```

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

```
.border{ border-color:rgb(232, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 181,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4236, 0.2984, 0.2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 181, 255) }
```

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

```
.background{ background-color: rgb(232,  
181, 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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