

Converting Colors

Yxy(58.0454, 0.2930, 0.2559)

Have a look what the booklet for
Yxy(58.0454, 0.2930, 0.2559)
contains.

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Color

Yxy(57.9255, 0.2932, 0.2556)

Conversions

Conversions Part 1

Format	Color
Hex	E1B9FF
RGB	225, 185, 255
RGB Percent	88%, 73%, 100%
CMY	0.1176, 0.2745, 0.0001
CMYK	0.12, 0.27, 0.00, 0.00
HSL	274°, 100%, 86%
HSV	274°, 27%, 100%
XYZ	66.4466, 57.9255, 102.2535
YIQ	204.9400, 1.3700, 30.2500

Conversions

Conversions Part 2

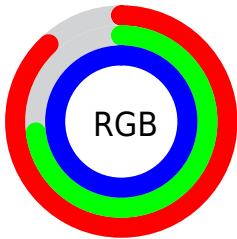
Format	Color
R _Y B	225, 185, 255
Decimal	14793215
CIE Lab	80.70, 26.96, -29.14
CIE LCh	81, 39.696, 312.780
Yxy	57.9255, 0.2932, 0.2556
Android (android.graphics.Color)	4292983295 (0xFFE1B9FF)
YUV	204.9400, 24.6796, 17.5926
Hunter-Lab	76.1088, 22.6486, -26.3810

Details

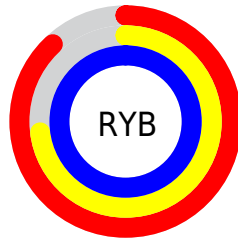
The Yxy color $57.9255, 0.2932, 0.2556$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $89.4404, 0.3277, 0.4042$, and the grayscale version is $60.8513, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $29.0148, 0.2876, 0.2398$ is the 20% darker color. If you saturate the color by 10%, you get $46.5002, 0.2840, 0.2265$, and if you desaturate by 10%, it is $71.3805, 0.3013, 0.2838$.

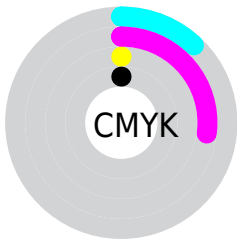
Distribution



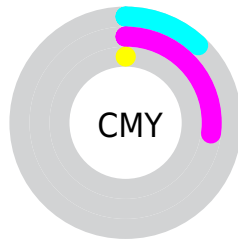
- Red (88%)
- Green (73%)
- Blue (100%)



- Red (88%)
- Yellow (73%)
- Blue (100%)



- Cyan (12%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9255, 0.2932, 0.2556 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 57.9255, 0.2932, 0.2556 by changing the saturation by 10% instead.

 57.9255, 0.2932,
0.2556

 57.9255, 0.2932,
0.2556

416.9083, 0.3031,
0.2889

 41.7488, 0.2907,
0.2482

 101.8144, 0.2968,
0.2670

 28.9046, 0.2876,
0.2392

130.2953, 0.2982,
0.2715

 19.0087, 0.2835,
0.2279


163.6464, 0.2993,
0.2754

 11.6765, 0.2779,
0.2136

202.2520, 0.3003,
0.2788

 6.5238, 0.2698,
0.1947

246.4966, 0.3012,
0.2817

 3.1661, 0.2576,
0.1690

296.7646, 0.3019,

 1.2191, 0.2374,

0.2844

0.1328

353.4404, 0.3026,
0.2868

0.0772, 0.2118,
0.0224

0.0000, 0.0000,
0.0000

57.9255, 0.2932,
0.2556

57.9255, 0.2932,
0.2556

46.5002, 0.2840,
0.2265

71.3805, 0.3013,
0.2838

36.9931, 0.2737,
0.1976

86.9547, 0.3082,
0.3104

29.2926, 0.2626,
0.1699

99.9976, 0.3127,
0.3290

23.2724, 0.2509,
0.1450

■ 18.7892, 0.2393,
0.1242

■ 15.6747, 0.2281,
0.1085

■ 13.7101, 0.2178,
0.0981

■ 13.3091, 0.2152,
0.0959

Harmonies

Analogous

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



57.9255, 0.2499, 0.2470



57.9255, 0.2932, 0.2556



57.9255, 0.3457, 0.2801

Triad

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



57.9255, 0.2932, 0.2556



57.9255, 0.4075, 0.3944



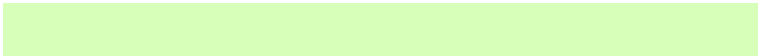
57.9255, 0.2381, 0.3356

Complementary

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



57.9255, 0.2932, 0.2556



89.4404, 0.3277, 0.4042

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.



57.9255, 0.2758, 0.3863



57.9255, 0.2932, 0.2556



57.9255, 0.3739, 0.4194

Square

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



57.9255, 0.2932, 0.2556



57.9255, 0.4149, 0.3564



57.9255, 0.3254, 0.4185



57.9255, 0.2203, 0.2880

Rectangle

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



57.9255, 0.2932, 0.2556



57.9255, 0.3783, 0.3030



57.9255, 0.3254, 0.4185



57.9255, 0.2487, 0.3532

Sweetspot

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



57.9279, 0.2932, 0.2556



86.0486, 0.3079, 0.3090



66.2978, 0.2682, 0.2848



17.8904, 0.3069, 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.



57.9279, 0.2932, 0.2556



51.3441, 0.2882, 0.2395



62.8752, 0.3194, 0.2646



17.8904, 0.3069, 0.3051



7.0465, 0.2168, 0.0968



0.7506, 0.2282, 0.1031

Inverse Universe

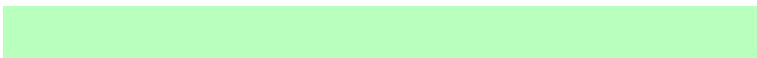
The Inverse Universe completely reimagines the original color for something new.



60.8587, 0.3473, 0.2984



54.8285, 0.3568, 0.2919



85.5146, 0.3065, 0.4031



18.1162, 0.3227, 0.3189



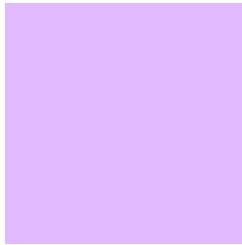
11.7164, 0.5268, 0.2676



1.1621, 0.4977, 0.2516

Previews

White Background



This preview shows how the Yxy color 57.9255, 0.2932, 0.2556 looks on a white background.

Color Contrast Check

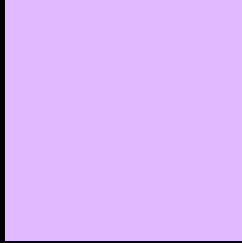
Large Text (above 18pt) WCAG AA × Fail

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 57.9255, 0.2932, 0.2556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

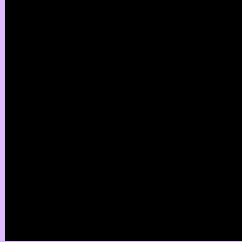
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9255, 0.2932, 0.2556

Background



This preview shows how black text looks on a background with the Yxy color 57.9255, 0.2932, 0.2556.

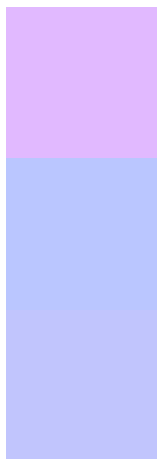


This preview shows how white text looks on a background with the Yxy color 57.9255, 0.2932, 0.2556.

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

57.9255, 0.2932, 0.2556

Protanopia

58.0473, 0.2668, 0.2647

Deuteranopia

58.3618, 0.2724, 0.2664



Tritanopia

58.0924, 0.3207, 0.3120

Trichromacy



Original Color

57.9255, 0.2932, 0.2556

Protanomaly

57.6393, 0.2756, 0.2607

Deuteranomaly

58.2748, 0.2797, 0.2623

Tritanomaly

58.1247, 0.3106, 0.2903

Monochromacy



Original Color

57.9255, 0.2932, 0.2556

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.7129, 0.3056, 0.3008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9255, 0.2932, 0.2556 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, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 185, 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(225, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 185, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.9255, 0.2932, 0.2556 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, 185, 255) }
```

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

```
.border{ border-color:rgb(225, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 185,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9255, 0.2932, 0.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 185, 255) }
```

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

```
.background{ background-color: rgb(225,  
185, 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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