

Converting Colors

Yxy(66.9419, 0.2365, 0.1750)

Have a look what the booklet for
Yxy(66.9419, 0.2365, 0.1750)
contains.

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Color

Yxy(57.7450, 0.2961, 0.2541)

Conversions

Conversions Part 1

Format	Color
Hex	E5B7FF
RGB	229, 183, 255
RGB Percent	90%, 72%, 100%
CMY	0.1021, 0.2823, 0.0000
CMYK	0.10, 0.28, 0.00, 0.00
HSL	278°, 100%, 86%
HSV	278°, 28%, 100%
XYZ	67.2896, 57.7450, 102.2184
YIQ	204.9620, 4.3040, 32.1440

Conversions

Conversions Part 2

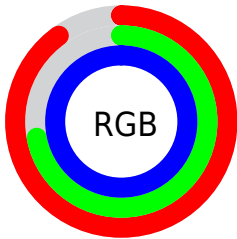
Format	Color
R _Y B	229, 183, 255
Decimal	15054847
CIE Lab	80.60, 29.26, -29.29
CIE LCh	81, 41.401, 314.977
Yxy	57.7450, 0.2961, 0.2541
Android (android.graphics.Color)	4293244927 (0xFFE5B7FF)
YUV	204.9620, 24.6687, 21.0813
Hunter-Lab	75.9901, 25.0799, -26.5611

Details

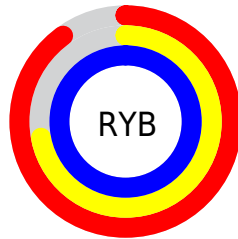
The Yxy color $57.7450, 0.2961, 0.2541$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.5025, 0.3250, 0.4073$, and the grayscale version is $60.8624, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $28.9267, 0.2915, 0.2381$ is the 20% darker color. If you saturate the color by 10%, you get $46.6849, 0.2884, 0.2258$, and if you desaturate by 10%, it is $70.7942, 0.3029, 0.2819$.

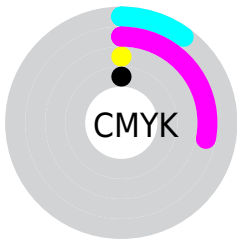
Distribution



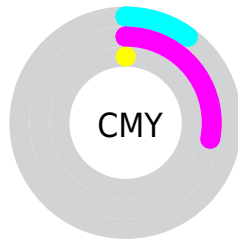
- Red (90%)
- Green (72%)
- Blue (100%)



- Red (90%)
- Yellow (72%)
- Blue (100%)



- Cyan (10%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)




- Cyan (10%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7450, 0.2961, 0.2541 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 57.7450, 0.2961, 0.2541 by changing the saturation by 10% instead.


 57.7450, 0.2961,
0.2541

 57.7450, 0.2961,
0.2541

416.2351, 0.3047,
0.2880

 41.6037, 0.2939,
0.2466


 101.5514, 0.2993,
0.2657

 28.7911, 0.2911,
0.2374

129.9853, 0.3004,
0.2702

 18.9228, 0.2875,
0.2260


163.2855, 0.3014,
0.2742

 11.6145, 0.2824,
0.2115

201.8364, 0.3023,
0.2777

 6.4818, 0.2751,
0.1925

246.0225, 0.3030,
0.2807

 3.1402, 0.2639,
0.1666


296.2280, 0.3037,

 1.2054, 0.2451,

0.2834

0.1304


352.8374, 0.3042,
0.2858

 0.0661, 0.2230,
0.0190


 0.0000, 0.0000,
0.0000


 57.7450, 0.2961,
0.2541


 57.7450, 0.2961,
0.2541

 46.6849, 0.2884,
0.2258


 70.7942, 0.3029,
0.2819

 37.5053, 0.2797,
0.1978

 85.9245, 0.3087,
0.3085

 30.0938, 0.2703,
0.1715

100.0000, 0.3127,
0.3290

 24.3236, 0.2605,
0.1482

■ 20.0509, 0.2505,
0.1290

■ 17.1055, 0.2408,
0.1148

■ 15.2538, 0.2317,
0.1055

■ 14.9825, 0.2302,
0.1042

Harmonies

Analogous

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



57.7450, 0.2500, 0.2438



57.7450, 0.2961, 0.2541



57.7450, 0.3511, 0.2805

Triad

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



57.7450, 0.2961, 0.2541



57.7450, 0.4097, 0.3994



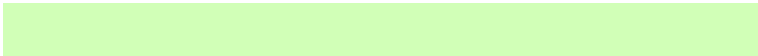
57.7450, 0.2329, 0.3317

Complementary

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



57.7450, 0.2961, 0.2541



88.5025, 0.3250, 0.4073

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.



57.7450, 0.2707, 0.3855



57.7450, 0.2961, 0.2541



57.7450, 0.3730, 0.4243

Square

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



57.7450, 0.2961, 0.2541



57.7450, 0.4199, 0.3603



57.7450, 0.3218, 0.4213



57.7450, 0.2161, 0.2830

Rectangle

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



57.7450, 0.2961, 0.2541



57.7450, 0.3845, 0.3047



57.7450, 0.3218, 0.4213



57.7450, 0.2434, 0.3502

Sweetspot

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



57.7465, 0.2961, 0.2541



86.2953, 0.3088, 0.3090



63.0923, 0.2662, 0.2777



17.9526, 0.3080, 0.3052



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.



57.7465, 0.2961, 0.2541



51.1264, 0.2918, 0.2378



61.7513, 0.3232, 0.2671



17.9526, 0.3080, 0.3052



7.9159, 0.2316, 0.1049



0.8325, 0.2417, 0.1105

Inverse Universe

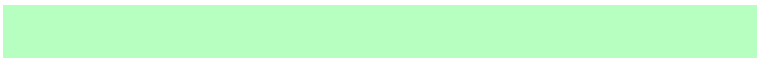
The Inverse Universe completely reimagines the original color for something new.



59.7402, 0.3526, 0.3023



53.5303, 0.3639, 0.2965



85.4225, 0.3037, 0.3999



18.0957, 0.3237, 0.3204



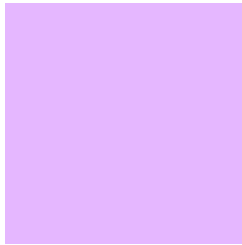
11.5406, 0.5538, 0.2824



1.1437, 0.5225, 0.2652

Previews

White Background



This preview shows how the Yxy color 57.7450, 0.2961, 0.2541 looks on a white background.

Color Contrast Check

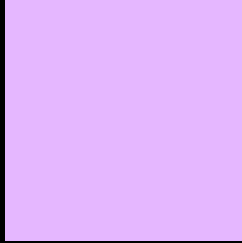
Large Text (above 18pt) WCAG AA × Fail

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 57.7450, 0.2961, 0.2541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

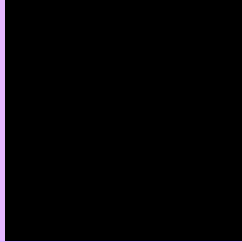
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7450, 0.2961, 0.2541

Background



This preview shows how black text looks on a background with the Yxy color 57.7450, 0.2961, 0.2541.



This preview shows how white text looks on a background with the Yxy color 57.7450, 0.2961, 0.2541.

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

57.7450, 0.2961, 0.2541

Protanopia

57.9225, 0.2661, 0.2646

Deuteranopia

57.8456, 0.2729, 0.2662



Tritanopia

57.7339, 0.3257, 0.3121

Trichromacy



Original Color

57.7450, 0.2961, 0.2541



Protanomaly

57.7774, 0.2763, 0.2608



Deuteranomaly

57.4753, 0.2809, 0.2612



Tritanomaly

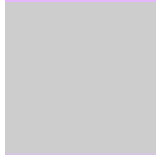
57.7846, 0.3153, 0.2906

Monochromacy



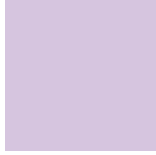
Original Color

57.7450, 0.2961, 0.2541



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.5564, 0.3071, 0.2998

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7450, 0.2961, 0.2541 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(229, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 183, 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(229, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 183, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.7450, 0.2961, 0.2541 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(229, 183, 255) }
```

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

```
.border{ border-color:rgb(229, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 183, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 183, 255); box-shadow:4px 4px 4px 4px rgb(229, 183, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7450, 0.2961, 0.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 183, 255) }
```

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

```
.background{ background-color: rgb(229,  
183, 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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