

Converting Colors

Yxy(54.9510, 0.2963, 0.2468)

Have a look what the booklet for
Yxy(54.9510, 0.2963, 0.2468)
contains.

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Color

Yxy(54.9287, 0.2961, 0.2468)

Conversions

Conversions Part 1

Format	Color
Hex	E5B0FF
RGB	229, 176, 255
RGB Percent	90%, 69%, 100%
CMY	0.1017, 0.3099, 0.0000
CMYK	0.10, 0.31, 0.00, 0.00
HSL	280°, 100%, 85%
HSV	280°, 31%, 100%
XYZ	65.9011, 54.9287, 101.7338
YIQ	200.8530, 6.2290, 35.8050

Conversions

Conversions Part 2

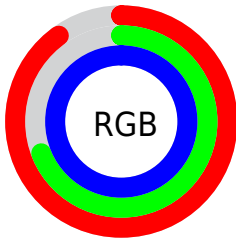
Format	Color
R _Y B	229, 176, 255
Decimal	15053055
CIE Lab	79.00, 33.06, -31.73
CIE LCh	79, 45.822, 316.175
Yxy	54.9287, 0.2961, 0.2468
Android (android.graphics.Color)	4293243135 (0xFFE5B0FF)
YUV	200.8530, 26.6945, 24.6849
Hunter-Lab	74.1139, 29.0205, -29.5058

Details

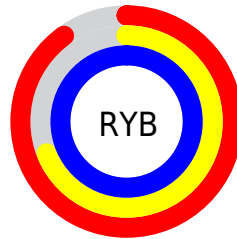
The Yxy color **54.9287, 0.2961, 0.2468** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **87.1981, 0.3243, 0.4163**, and the grayscale version is **58.1451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **27.1274, 0.2913, 0.2290** is the 20% darker color. If you saturate the color by 10%, you get **44.5098, 0.2889, 0.2189**, and if you desaturate by 10%, it is **67.2967, 0.3024, 0.2746**.

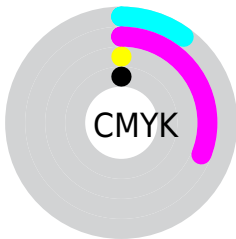
Distribution



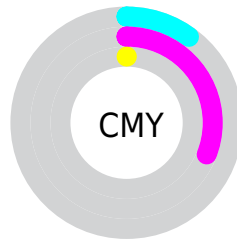
- Red (90%)
- Green (69%)
- Blue (100%)



- Red (90%)
- Yellow (69%)
- Blue (100%)



- Cyan (10%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)




- Cyan (10%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9287, 0.2961, 0.2468 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 54.9287, 0.2961, 0.2468 by changing the saturation by 10% instead.

 54.9287, 0.2961,
0.2468

 54.9287, 0.2961,
0.2468

405.6416, 0.3049,
0.2840

 39.3446, 0.2938,
0.2386


 97.4365, 0.2994,
0.2595

 27.0279, 0.2909,
0.2285


125.1290, 0.3006,
0.2645

 17.5942, 0.2870,
0.2161


157.6264, 0.3016,
0.2689

 10.6590, 0.2815,
0.2002

195.3132, 0.3025,
0.2727

 5.8381, 0.2736,
0.1796

238.5737, 0.3032,
0.2760

 2.7469, 0.2613,
0.1517

287.7924, 0.3039,

 1.0010, 0.2405,

0.2790

0.1134

343.3535, 0.3044,
0.2816

0.0000, 0.2126,
0.0000

0.0000, 0.0000,
0.0000

54.9287, 0.2961,
0.2468

54.9287, 0.2961,
0.2468

44.5098, 0.2889,
0.2189

67.2967, 0.3024,
0.2746

35.9266, 0.2809,
0.1918

81.7048, 0.3078,
0.3013

29.0647, 0.2723,
0.1668

98.2467, 0.3123,
0.3266

23.7936, 0.2633,
0.1452

99.9998, 0.3127,
0.3290

■ 19.9636, 0.2543,
0.1280

■ 17.3953, 0.2455,
0.1157

■ 15.9096, 0.2380,
0.1085

Harmonies

Analogous

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



54.9287, 0.2443, 0.2344



54.9287, 0.2961, 0.2468



54.9287, 0.3581, 0.2764

Triad

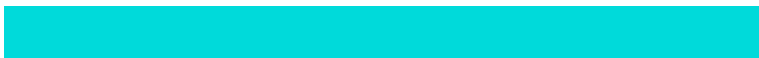
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.9287, 0.2961, 0.2468



54.9287, 0.4200, 0.4082



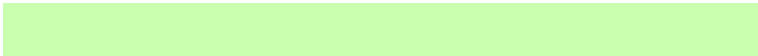
54.9287, 0.2223, 0.3290

Complementary

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



54.9287, 0.2961, 0.2468



87.1981, 0.3243, 0.4163

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.



54.9287, 0.2631, 0.3910



54.9287, 0.2961, 0.2468



54.9287, 0.3774, 0.4366

Square

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



54.9287, 0.2961, 0.2468



54.9287, 0.4335, 0.3646



54.9287, 0.3198, 0.4331



54.9287, 0.2052, 0.2750

Rectangle

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



54.9287, 0.2961, 0.2468



54.9287, 0.3955, 0.3032



54.9287, 0.3198, 0.4331



54.9287, 0.2335, 0.3500

Sweetspot

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



54.9310, 0.2961, 0.2468



84.8203, 0.3087, 0.3065



58.8396, 0.2610, 0.2688



17.6652, 0.3080, 0.3027



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.



54.9310, 0.2961, 0.2468



48.4389, 0.2919, 0.2300



58.7038, 0.3265, 0.2634



17.9841, 0.3085, 0.3052



8.3978, 0.2394, 0.1092



0.8771, 0.2488, 0.1144

Inverse Universe

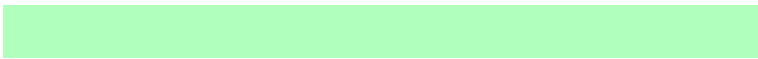
The Inverse Universe completely reimagines the original color for something new.



56.5639, 0.3602, 0.3022



50.4167, 0.3732, 0.2968



84.4272, 0.3015, 0.4049



18.0854, 0.3242, 0.3212



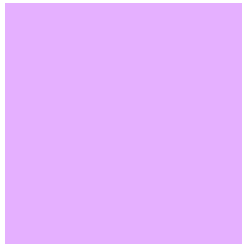
11.4653, 0.5666, 0.2895



1.1355, 0.5347, 0.2719

Previews

White Background



This preview shows how the Yxy color 54.9287, 0.2961, 0.2468 looks on a white background.

Color Contrast Check

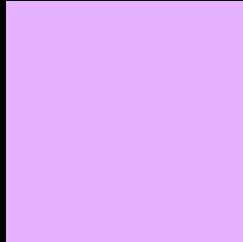
Large Text (above 18pt) WCAG AA × Fail

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 54.9287, 0.2961, 0.2468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

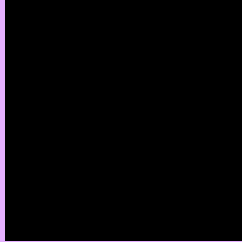
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9287, 0.2961, 0.2468

Background



This preview shows how black text looks on a background with the Yxy color 54.9287, 0.2961, 0.2468.



This preview shows how white text looks on a background with the Yxy color 54.9287, 0.2961, 0.2468.

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

54.9287, 0.2961, 0.2468

Protanopia

55.3873, 0.2618, 0.2592

Deuteranopia

55.0418, 0.2672, 0.2606



Tritanopia

55.1298, 0.3301, 0.3131

Trichromacy



Original Color

54.9287, 0.2961, 0.2468



Protanomaly

54.6310, 0.2730, 0.2535



Deuteranomaly

54.6272, 0.2770, 0.2549

Tritanomaly

54.9347, 0.3172, 0.2869

Monochromacy



Original Color

54.9287, 0.2961, 0.2468



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.7686, 0.3064, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9287, 0.2961, 0.2468 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, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 176, 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, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 176, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.9287, 0.2961, 0.2468 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, 176, 255) }
```

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

```
.border{ border-color:rgb(229, 176, 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, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 176,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9287, 0.2961, 0.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 176, 255) }
```

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

```
.background{ background-color: rgb(229,  
176, 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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