

Converting Colors

Yxy(54.5477, 0.2906, 0.2502)

Have a look what the booklet for
Yxy(54.5477, 0.2906, 0.2502)
contains.

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Color

Yxy(54.5477, 0.2906, 0.2502)

Conversions

Conversions Part 1

Format	Color
Hex	DCB3FD
RGB	220, 179, 253
RGB Percent	86%, 70%, 99%
CMY	0.1374, 0.2980, 0.0079
CMYK	0.13, 0.29, 0.00, 0.01
HSL	273°, 95%, 85%
HSV	273°, 29%, 99%
XYZ	63.3556, 54.5477, 100.1131
YIQ	199.6950, 0.6820, 31.7060

Conversions

Conversions Part 2

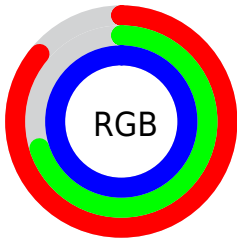
Format	Color
R _Y B	220, 179, 253
Decimal	14463997
CIE Lab	78.78, 28.23, -31.07
CIE LCh	79, 41.979, 312.267
Yxy	54.5477, 0.2906, 0.2502
Android (android.graphics.Color)	4292654077 (0xFFDCB3FD)
YUV	199.6950, 26.2794, 17.8075
Hunter-Lab	73.8564, 23.8723, -28.6687

Details

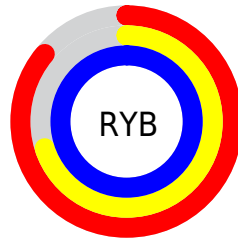
The Yxy color $54.5477, 0.2906, 0.2502$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $87.5077, 0.3295, 0.4093$, and the grayscale version is $57.3965, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $26.7997, 0.2841, 0.2326$ is the 20% darker color. If you saturate the color by 10%, you get $43.6176, 0.2807, 0.2209$, and if you desaturate by 10%, it is $67.4619, 0.2993, 0.2787$.

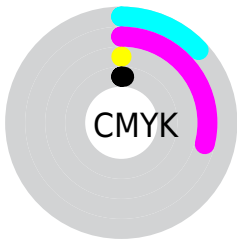
Distribution



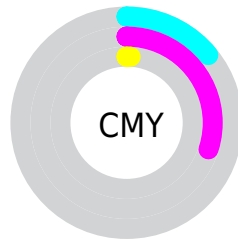
- Red (86%)
- Green (70%)
- Blue (99%)



- Red (86%)
- Yellow (70%)
- Blue (99%)



- Cyan (13%)
- Magenta (29%)
- Yellow (0%)
- Black (1%)




- Cyan (14%)
- Magenta (30%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5477, 0.2906, 0.2502 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 54.5477, 0.2906, 0.2502 by changing the saturation by 10% instead.


 54.5477, 0.2906,
0.2502

 54.5477, 0.2906,
0.2502


404.1951, 0.3019,
0.2862

 39.0397, 0.2878,
0.2422


 96.8779, 0.2947,
0.2625

 26.7906, 0.2841,
0.2324


124.4690, 0.2963,
0.2674

 17.4160, 0.2794,
0.2201


156.8565, 0.2976,
0.2716

 10.5316, 0.2728,
0.2045

194.4249, 0.2987,
0.2752

 5.7528, 0.2634,
0.1840

237.5586, 0.2997,
0.2784

 2.6954, 0.2491,
0.1561

286.6419, 0.3005,

 0.9748, 0.2252,

0.2813

0.1172

342.0593, 0.3013,
0.2839

0.0000, 0.1856,
0.0000

0.0000, 0.0000,
0.0000

54.5477, 0.2906,
0.2502

54.5477, 0.2906,
0.2502

43.6176, 0.2807,
0.2209

67.4619, 0.2993,
0.2787

34.5605, 0.2698,
0.1918

82.4497, 0.3068,
0.3058

27.2647, 0.2581,
0.1642

99.6032, 0.3132,
0.3308

21.6033, 0.2460,
0.1396

99.8715, 0.3139,
0.3309

■ 17.4318, 0.2340,
0.1193

■ 14.5788, 0.2225,
0.1043

■ 12.7861, 0.2121,
0.0944

■ 12.6694, 0.2113,
0.0938

Harmonies

Analogous

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



54.5477, 0.2446, 0.2412



54.5477, 0.2906, 0.2502



54.5477, 0.3472, 0.2760

Triad

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



54.5477, 0.2906, 0.2502



54.5477, 0.4151, 0.3981



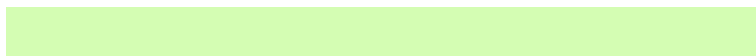
54.5477, 0.2331, 0.3368

Complementary

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



54.5477, 0.2906, 0.2502



87.5077, 0.3295, 0.4093

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.



54.5477, 0.2736, 0.3921



54.5477, 0.2906, 0.2502



54.5477, 0.3790, 0.4261

Square

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



54.5477, 0.2906, 0.2502



54.5477, 0.4228, 0.3571



54.5477, 0.3269, 0.4264



54.5477, 0.2138, 0.2852

Rectangle

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



54.5477, 0.2906, 0.2502



54.5477, 0.3826, 0.3003



54.5477, 0.3269, 0.4264



54.5477, 0.2445, 0.3560

Sweetspot

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



54.5500, 0.2906, 0.2502



84.3293, 0.3070, 0.3064



63.9193, 0.2653, 0.2829



17.5440, 0.3059, 0.3026



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.



54.5500, 0.2906, 0.2502



48.8711, 0.2850, 0.2333



59.9882, 0.3189, 0.2593



17.8734, 0.3066, 0.3051



6.8278, 0.2129, 0.0947



0.7296, 0.2246, 0.1011

Inverse Universe

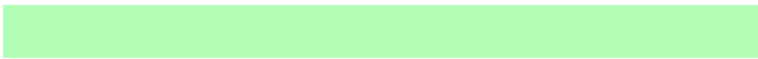
The Inverse Universe completely reimagines the original color for something new.



57.8862, 0.3491, 0.2949



52.8785, 0.3589, 0.2879



83.2408, 0.3067, 0.4102



18.1219, 0.3224, 0.3184



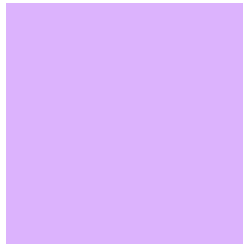
11.7710, 0.5191, 0.2633



1.1677, 0.4909, 0.2478

Previews

White Background



This preview shows how the Yxy color 54.5477, 0.2906, 0.2502 looks on a white background.

Color Contrast Check

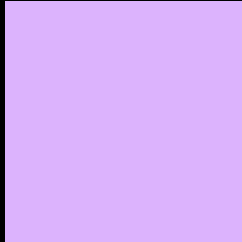
Large Text (above 18pt) WCAG AA × Fail

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 54.5477, 0.2906, 0.2502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

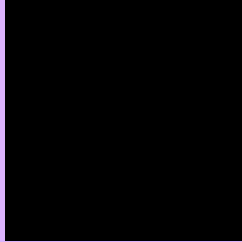
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5477, 0.2906, 0.2502

Background



This preview shows how black text looks on a background with the Yxy color 54.5477, 0.2906, 0.2502.



This preview shows how white text looks on a background with the Yxy color 54.5477, 0.2906, 0.2502.

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

54.5477, 0.2906, 0.2502

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.9157, 0.2683, 0.2626



Tritanopia

54.7040, 0.3209, 0.3127

Trichromacy



Original Color

54.5477, 0.2906, 0.2502

Protanomaly

54.4597, 0.2710, 0.2550

Deuteranomaly

54.5114, 0.2762, 0.2575

Tritanomaly

54.3655, 0.3098, 0.2882

Monochromacy



Original Color

54.5477, 0.2906, 0.2502

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.0791, 0.3047, 0.2979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5477, 0.2906, 0.2502 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(220, 179, 253)` looks like.

```
.text, #text, p{  
    color:rgb(220, 179, 253)  
}
```

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(220, 179, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 179, 253) }
```

Border

The CSS property to change the border of an element to Yxy 54.5477, 0.2906, 0.2502 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(220, 179, 253) }
```

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

```
.border{ border-color:rgb(220, 179, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 179, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 179, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 179, 253);  
box-shadow:4px 4px 4px 4px rgb(220, 179,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5477, 0.2906, 0.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 179, 253) }
```

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

```
.background{ background-color: rgb(220,  
179, 253) }
```

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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