

Converting Colors

Yxy(53.8767, 0.2809, 0.2503)

Have a look what the booklet for
Yxy(53.8767, 0.2809, 0.2503)
contains.

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Color

Yxy(54.0216, 0.2812, 0.2505)

Conversions

Conversions Part 1

Format	Color
Hex	D0B6FE
RGB	208, 182, 254
RGB Percent	82%, 71%, 100%
CMY	0.1841, 0.2863, 0.0039
CMYK	0.18, 0.28, 0.00, 0.00
HSL	262°, 97%, 85%
HSV	262°, 28%, 100%
XYZ	60.6422, 54.0216, 100.9913
YIQ	197.9820, -7.6160, 27.9040

Conversions

Conversions Part 2

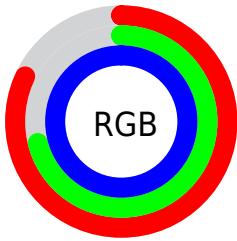
Format	Color
R _Y B	208, 182, 254
Decimal	13678334
CIE _{Lab}	78.47, 23.23, -32.16
CIE _{LCh}	78, 39.670, 305.837
Yxy	54.0216, 0.2812, 0.2505
Android (android.graphics.Color)	4291868414 (0xFFD0B6FE)
YUV	197.9820, 27.6169, 8.7858
Hunter-Lab	73.4994, 18.6512, -30.0174

Details

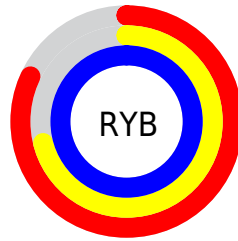
The Yxy color **54.0216, 0.2812, 0.2505** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.7361, 0.3381, 0.4044**, and the grayscale version is **56.2982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **26.5040, 0.2728, 0.2328** is the 20% darker color. If you saturate the color by 10%, you get **42.3177, 0.2671, 0.2191**, and if you desaturate by 10%, it is **67.8563, 0.2938, 0.2803**.

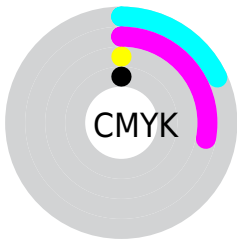
Distribution



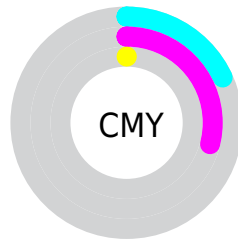
- Red (82%)
- Green (71%)
- Blue (100%)



- Red (82%)
- Yellow (71%)
- Blue (100%)



- Cyan (18%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0216, 0.2812, 0.2505 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 54.0216, 0.2812, 0.2505 by changing the saturation by 10% instead.


 54.0216, 0.2812,
0.2505

 54.0216, 0.2812,
0.2505


402.1924, 0.2969,
0.2865

 38.6189, 0.2774,
0.2424


 96.1060, 0.2869,
0.2629

 26.4634, 0.2725,
0.2325


123.5564, 0.2890,
0.2678

 17.1706, 0.2662,
0.2201


155.7916, 0.2908,
0.2720

 10.3562, 0.2577,
0.2043

193.1960, 0.2924,
0.2756

 5.6358, 0.2456,
0.1834

236.1538, 0.2937,
0.2788

 2.6249, 0.2277,
0.1549

285.0496, 0.2949,

 0.9392, 0.1988,

0.2817

0.1152

340.2676, 0.2960,
0.2843

■ 0.0000, 0.1381,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0216, 0.2812,
0.2505

■ 54.0216, 0.2812,
0.2505

■ 42.3177, 0.2671,
0.2191

■ 67.8563, 0.2938,
0.2803

■ 32.6289, 0.2517,
0.1873

■ 83.9165, 0.3047,
0.3079

■ 24.8380, 0.2355,
0.1564

99.9354, 0.3133,
0.3300

■ 18.8129, 0.2193,
0.1283

■ 14.4037, 0.2038,
0.1048

■ 11.4342, 0.1900,
0.0873

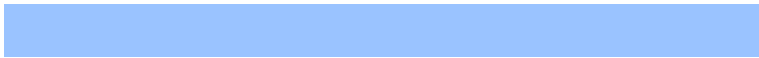
■ 9.6615, 0.1785,
0.0762

■ 9.4307, 0.1768,
0.0748

Harmonies

Analogous

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



54.0216, 0.2408, 0.2459



54.0216, 0.2812, 0.2505



54.0216, 0.3339, 0.2721

Triad

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



54.0216, 0.2812, 0.2505



54.0216, 0.4141, 0.3874



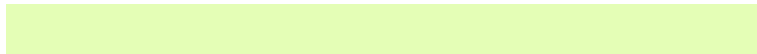
54.0216, 0.2438, 0.3482

Complementary

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



54.0216, 0.2812, 0.2505



90.7361, 0.3381, 0.4044

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.



54.0216, 0.2860, 0.3979



54.0216, 0.2812, 0.2505



54.0216, 0.3850, 0.4173

Square

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



54.0216, 0.2812, 0.2505



54.0216, 0.4145, 0.3472



54.0216, 0.3377, 0.4238



54.0216, 0.2206, 0.2970

Rectangle

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



54.0216, 0.2812, 0.2505



54.0216, 0.3689, 0.2939



54.0216, 0.3377, 0.4238



54.0216, 0.2561, 0.3661

Sweetspot

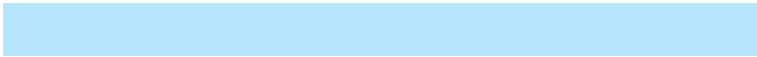
The Sweet Spot groups the original color and five complimentary colors.



54.0238, 0.2812, 0.2505



83.5502, 0.3041, 0.3062



73.0211, 0.2685, 0.3010



17.3524, 0.3026, 0.3023



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.



54.0238, 0.2812, 0.2505



47.5748, 0.2734, 0.2329



59.6933, 0.3077, 0.2564



17.6979, 0.3036, 0.3048



5.0478, 0.1784, 0.0756



0.5506, 0.1908, 0.0825

Inverse Universe

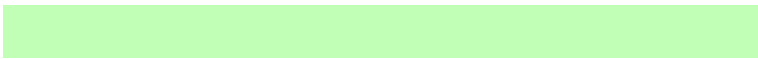
The Inverse Universe completely reimagines the original color for something new.



60.1152, 0.3363, 0.2824



54.7361, 0.3424, 0.2728



85.5659, 0.3154, 0.4100



18.1821, 0.3194, 0.3140



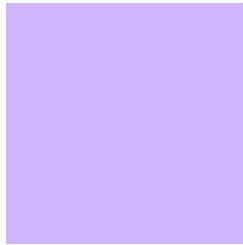
12.5134, 0.4391, 0.2193



1.2394, 0.4220, 0.2098

Previews

White Background



This preview shows how the Yxy color 54.0216, 0.2812, 0.2505 looks on a white background.

Color Contrast Check

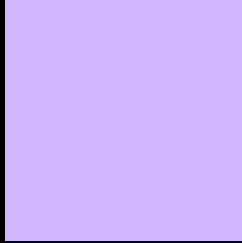
Large Text (above 18pt) WCAG AA × Fail

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 54.0216, 0.2812, 0.2505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

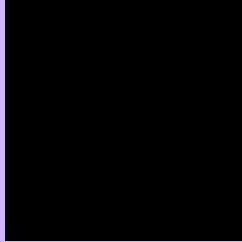
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0216, 0.2812, 0.2505

Background



This preview shows how black text looks on a background with the Yxy color 54.0216, 0.2812, 0.2505.

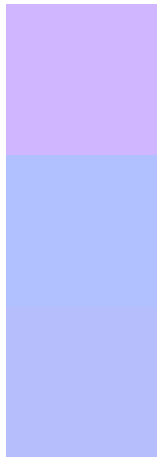


This preview shows how white text looks on a background with the Yxy color 54.0216, 0.2812, 0.2505.

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

54.0216, 0.2812, 0.2505

Protanopia

54.2664, 0.2602, 0.2566

Deuteranopia

54.2350, 0.2651, 0.2590



Tritanopia

53.9972, 0.3087, 0.3111

Trichromacy



Original Color

54.0216, 0.2812, 0.2505

Protanomaly

53.8778, 0.2670, 0.2533

Deuteranomaly

54.1347, 0.2702, 0.2557

Tritanomaly

53.9907, 0.2988, 0.2884

Monochromacy



Original Color

54.0216, 0.2812, 0.2505

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.3178, 0.3016, 0.2986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0216, 0.2812, 0.2505 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(208, 182, 254)` looks like.

```
.text, #text, p{  
    color:rgb(208, 182, 254)  
}
```

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(208, 182, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 182, 254) }
```

Border

The CSS property to change the border of an element to Yxy 54.0216, 0.2812, 0.2505 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(208, 182, 254) }
```

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

```
.border{ border-color:rgb(208, 182, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 182, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 182, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 182, 254);  
box-shadow:4px 4px 4px 4px rgb(208, 182,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0216, 0.2812, 0.2505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 182, 254) }
```

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

```
.background{ background-color: rgb(208,  
182, 254) }
```

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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