

Converting Colors

$Y_{xy}(54.4979, 0.2782, 0.2514)$

Have a look what the booklet for
Yxy(54.4979, 0.2782, 0.2514)
contains.

Yxy(54.4801, 0.2785, 0.2513)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.4801, 0.2785, 0.2513)

Conversions

Conversions Part 1

Format	Color
Hex	CDB8FF
RGB	205, 184, 255
RGB Percent	80%, 72%, 100%
CMY	0.1959, 0.2785, 0.0000
CMYK	0.20, 0.28, 0.00, 0.00
HSL	258°, 100%, 86%
HSV	258°, 28%, 100%
XYZ	60.3769, 54.4801, 101.9361
YIQ	198.3730, -10.2750, 26.5330

Conversions

Conversions Part 2

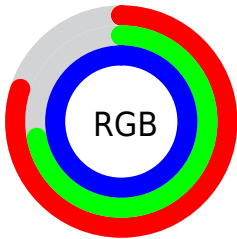
Format	Color
R _Y B	205, 184, 255
Decimal	13482239
CIE Lab	78.74, 21.45, -32.31
CIE LCh	79, 38.778, 303.580
Yxy	54.4801, 0.2785, 0.2513
Android (android.graphics.Color)	4291672319 (0xFFCDB8FF)
YUV	198.3730, 27.9171, 5.8119
Hunter-Lab	73.8106, 16.8438, -30.2149

Details

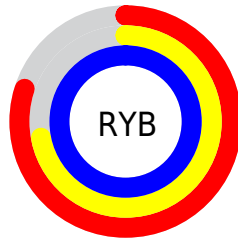
The Yxy color **54.4801, 0.2785, 0.2513** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.4575, 0.3408, 0.4023**, and the grayscale version is **56.5468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **26.7938, 0.2694, 0.2337** is the 20% darker color. If you saturate the color by 10%, you get **42.4201, 0.2631, 0.2193**, and if you desaturate by 10%, it is **68.7462, 0.2923, 0.2815**.

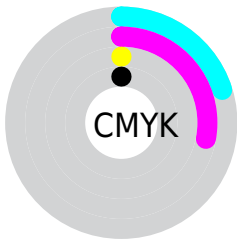
Distribution



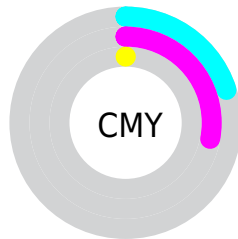
- Red (80%)
- Green (72%)
- Blue (100%)



- Red (80%)
- Yellow (72%)
- Blue (100%)



- Cyan (20%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4801, 0.2785, 0.2513 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 54.4801, 0.2785, 0.2513 by changing the saturation by 10% instead.

■ 54.4801, 0.2785,
0.2513

■ 54.4801, 0.2785,
0.2513

403.9381, 0.2954,
0.2870

■ 38.9856, 0.2744,
0.2433

■ 96.7788, 0.2846,
0.2636

■ 26.7485, 0.2692,
0.2335

124.3518, 0.2869,
0.2684

■ 17.3845, 0.2625,
0.2212

156.7198, 0.2888,
0.2726

■ 10.5090, 0.2535,
0.2055

194.2672, 0.2905,
0.2762

■ 5.7377, 0.2409,
0.1847

237.3783, 0.2920,
0.2794

■ 2.6863, 0.2222,
0.1564

286.4376, 0.2933,

■ 0.9702, 0.1925,

0.2822

0.1169

341.8294, 0.2944,
0.2847

0.0000, 0.1300,
0.0000

0.0000, 0.0000,
0.0000

54.4801, 0.2785,
0.2513

54.4801, 0.2785,
0.2513

42.4201, 0.2631,
0.2193

68.7462, 0.2923,
0.2815

32.4470, 0.2463,
0.1866

85.3160, 0.3044,
0.3092

24.4406, 0.2289,
0.1547

99.9997, 0.3127,
0.3290

18.2649, 0.2115,
0.1255

■ 13.7664, 0.1953,
0.1011

■ 10.7651, 0.1813,
0.0830

■ 9.0231, 0.1702,
0.0718

■ 8.7418, 0.1681,
0.0700

Harmonies

Analogous

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



54.4801, 0.2402, 0.2483



54.4801, 0.2785, 0.2513



54.4801, 0.3294, 0.2713

Triad

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



54.4801, 0.2785, 0.2513



54.4801, 0.4127, 0.3835



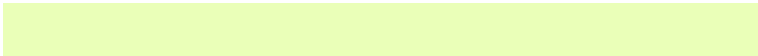
54.4801, 0.2480, 0.3517

Complementary

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



54.4801, 0.2785, 0.2513



92.4575, 0.3408, 0.4023

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.



54.4801, 0.2904, 0.3989



54.4801, 0.2785, 0.2513



54.4801, 0.3862, 0.4137

Square

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



54.4801, 0.2785, 0.2513



54.4801, 0.4107, 0.3439



54.4801, 0.3410, 0.4218



54.4801, 0.2237, 0.3013

Rectangle

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



54.4801, 0.2785, 0.2513



54.4801, 0.3639, 0.2921



54.4801, 0.3410, 0.4218



54.4801, 0.2605, 0.3689

Sweetspot

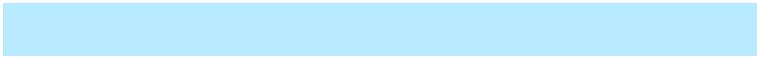
The Sweet Spot groups the original color and five complimentary colors.



54.4823, 0.2785, 0.2513



85.0474, 0.3042, 0.3088



76.7544, 0.2698, 0.3069



17.6388, 0.3025, 0.3047



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.



54.4823, 0.2785, 0.2513



48.0001, 0.2707, 0.2350



59.9527, 0.3042, 0.2569



17.6388, 0.3025, 0.3047



4.6348, 0.1696, 0.0708



0.5049, 0.1813, 0.0772

Inverse Universe

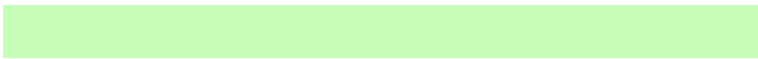
The Inverse Universe completely reimagines the original color for something new.



61.4715, 0.3321, 0.2788



56.0444, 0.3366, 0.2693



87.1701, 0.3183, 0.4077



18.2031, 0.3184, 0.3124



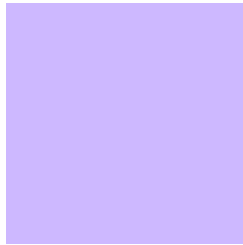
12.8444, 0.4136, 0.2052



1.2698, 0.4004, 0.1980

Previews

White Background



This preview shows how the Yxy color 54.4801, 0.2785, 0.2513 looks on a white background.

Color Contrast Check

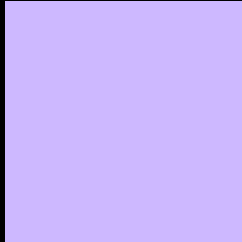
Large Text (above 18pt) WCAG AA × Fail

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 54.4801, 0.2785, 0.2513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

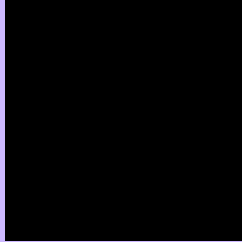
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4801, 0.2785, 0.2513

Background



This preview shows how black text looks on a background with the Yxy color 54.4801, 0.2785, 0.2513.

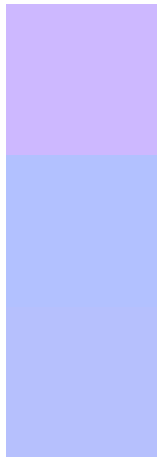


This preview shows how white text looks on a background with the Yxy color 54.4801, 0.2785, 0.2513.

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

54.4801, 0.2785, 0.2513

Protanopia

54.8249, 0.2610, 0.2579

Deuteranopia

54.7362, 0.2646, 0.2592



Tritanopia

54.5643, 0.3049, 0.3110

Trichromacy



Original Color

54.4801, 0.2785, 0.2513

Protanomaly

54.7383, 0.2672, 0.2557

Deuteranomaly

54.4981, 0.2690, 0.2558

Tritanomaly

54.5425, 0.2951, 0.2883

Monochromacy



Original Color

54.4801, 0.2785, 0.2513

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.6719, 0.3001, 0.2986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4801, 0.2785, 0.2513 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(205, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 184, 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(205, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 184, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.4801, 0.2785, 0.2513 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(205, 184, 255) }
```

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

```
.border{ border-color:rgb(205, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 184,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4801, 0.2785, 0.2513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 184, 255) }
```

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

```
.background{ background-color: rgb(205,  
184, 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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