

Converting Colors

Yxy(56.8092, 0.2574, 0.2167)

Have a look what the booklet for
Yxy(56.8092, 0.2574, 0.2167)
contains.

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Color

Yxy(53.9413, 0.2798, 0.2494)

Conversions

Conversions Part 1

Format	Color
Hex	CFB6FF
RGB	207, 182, 255
RGB Percent	81%, 71%, 100%
CMY	0.1881, 0.2863, 0.0000
CMYK	0.19, 0.29, 0.00, 0.00
HSL	261°, 100%, 86%
HSV	261°, 29%, 100%
XYZ	60.5163, 53.9413, 101.8266
YIQ	197.7970, -8.5330, 28.0030

Conversions

Conversions Part 2

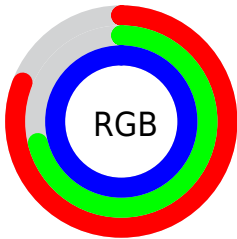
Format	Color
R _Y B	207, 182, 255
Decimal	13612799
CIE Lab	78.43, 23.13, -32.78
CIE LCh	78, 40.116, 305.210
Yxy	53.9413, 0.2798, 0.2494
Android (android.graphics.Color)	4291802879 (0xFFCFB6FF)
YUV	197.7970, 28.2011, 8.0710
Hunter-Lab	73.4447, 18.5505, -30.7906

Details

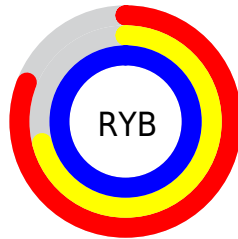
The Yxy color **53.9413, 0.2798, 0.2494** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.7109, 0.3393, 0.4050**, and the grayscale version is **56.1753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **26.4531, 0.2710, 0.2313** is the 20% darker color. If you saturate the color by 10%, you get **42.1463, 0.2652, 0.2178**, and if you desaturate by 10%, it is **67.8982, 0.2928, 0.2794**.

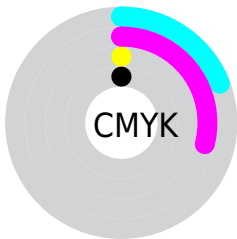
Distribution



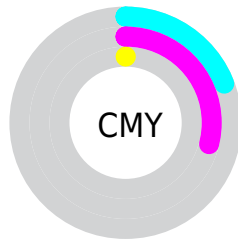
- Red (81%)
- Green (71%)
- Blue (100%)



- Red (81%)
- Yellow (71%)
- Blue (100%)



- Cyan (19%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)




- Cyan (19%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9413, 0.2798, 0.2494 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 53.9413, 0.2798, 0.2494 by changing the saturation by 10% instead.


 53.9413, 0.2798,
0.2494

 53.9413, 0.2798,
0.2494


401.8861, 0.2962,
0.2859

 38.5547, 0.2758,
0.2412


 95.9881, 0.2857,
0.2620

 26.4135, 0.2708,
0.2312


123.4170, 0.2879,
0.2669

 17.1332, 0.2642,
0.2187


155.6289, 0.2898,
0.2711

 10.3295, 0.2554,
0.2026

193.0082, 0.2915,
0.2749

 5.6180, 0.2429,
0.1816

235.9391, 0.2929,
0.2781

 2.6142, 0.2244,
0.1529

284.8061, 0.2941,

 0.9338, 0.1949,

0.2810

0.1130

339.9937, 0.2952,
0.2836

0.0000, 0.1327,
0.0000

0.0000, 0.0000,
0.0000

53.9413, 0.2798,
0.2494

53.9413, 0.2798,
0.2494

42.1463, 0.2652,
0.2178

67.8982, 0.2928,
0.2794

32.3955, 0.2494,
0.1857

84.1137, 0.3042,
0.3071

24.5696, 0.2328,
0.1545

99.9998, 0.3127,
0.3290

18.5339, 0.2162,
0.1263

■ 14.1354, 0.2006,
0.1027

■ 11.1944, 0.1867,
0.0853

■ 9.4576, 0.1754,
0.0745

■ 9.2687, 0.1741,
0.0733

Harmonies

Analogous

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



53.9413, 0.2393, 0.2451



53.9413, 0.2798, 0.2494



53.9413, 0.3330, 0.2709

Triad

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



53.9413, 0.2798, 0.2494



53.9413, 0.4156, 0.3872



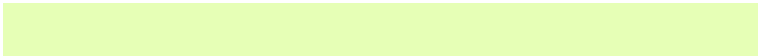
53.9413, 0.2437, 0.3496

Complementary

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



53.9413, 0.2798, 0.2494



91.7109, 0.3393, 0.4050

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.



53.9413, 0.2867, 0.3996



53.9413, 0.2798, 0.2494



53.9413, 0.3866, 0.4179

Square

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



53.9413, 0.2798, 0.2494



53.9413, 0.4154, 0.3464



53.9413, 0.3390, 0.4251



53.9413, 0.2198, 0.2975

Rectangle

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



53.9413, 0.2798, 0.2494



53.9413, 0.3685, 0.2927



53.9413, 0.3390, 0.4251



53.9413, 0.2563, 0.3676

Sweetspot

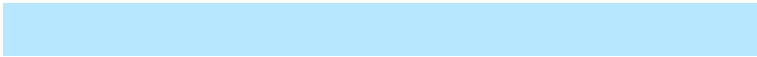
The Sweet Spot groups the original color and five complimentary colors.



53.9435, 0.2798, 0.2494



83.4731, 0.3038, 0.3061



74.1272, 0.2682, 0.3021



17.3335, 0.3022, 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.



53.9435, 0.2798, 0.2494



47.3474, 0.2722, 0.2326



59.6975, 0.3067, 0.2554



17.6806, 0.3032, 0.3048



4.9171, 0.1756, 0.0741



0.5364, 0.1879, 0.0809

Inverse Universe

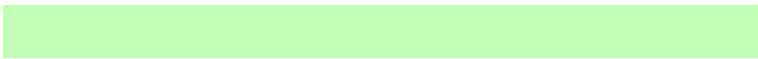
The Inverse Universe completely reimagines the original color for something new.



60.4233, 0.3355, 0.2806



54.8266, 0.3410, 0.2713



86.3859, 0.3162, 0.4108



18.1883, 0.3191, 0.3135



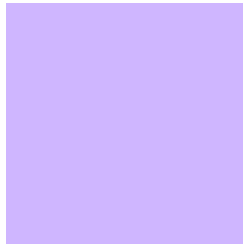
12.6061, 0.4315, 0.2151



1.2480, 0.4155, 0.2063

Previews

White Background



This preview shows how the Yxy color 53.9413, 0.2798, 0.2494 looks on a white background.

Color Contrast Check

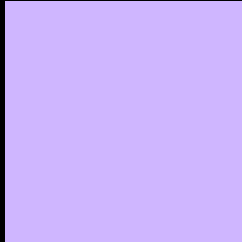
Large Text (above 18pt) WCAG AA × Fail

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 53.9413, 0.2798, 0.2494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

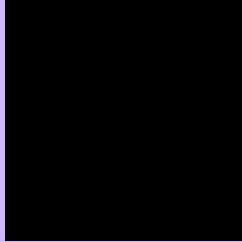
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9413, 0.2798, 0.2494

Background



This preview shows how black text looks on a background with the Yxy color 53.9413, 0.2798, 0.2494.

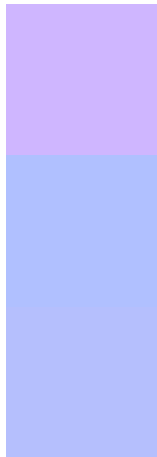


This preview shows how white text looks on a background with the Yxy color 53.9413, 0.2798, 0.2494.

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

53.9413, 0.2798, 0.2494

Protanopia

54.1494, 0.2596, 0.2565

Deuteranopia

54.1772, 0.2638, 0.2579



Tritanopia

53.8599, 0.3079, 0.3110

Trichromacy



Original Color

53.9413, 0.2798, 0.2494

Protanomaly

53.7512, 0.2663, 0.2532

Deuteranomaly

54.0693, 0.2689, 0.2546

Tritanomaly

53.9048, 0.2973, 0.2872

Monochromacy



Original Color

53.9413, 0.2798, 0.2494

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.2313, 0.3001, 0.2974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9413, 0.2798, 0.2494 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(207, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 182, 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(207, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 182, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.9413, 0.2798, 0.2494 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(207, 182, 255) }
```

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

```
.border{ border-color:rgb(207, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 182,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9413, 0.2798, 0.2494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 182, 255) }
```

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

```
.background{ background-color: rgb(207,  
182, 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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