

Converting Colors

Yxy(53.1453, 0.2777, 0.2479)

Have a look what the booklet for
Yxy(53.1453, 0.2777, 0.2479)
contains.

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Color

Yxy(53.1051, 0.2775, 0.2478)

Conversions

Conversions Part 1

Format	Color
Hex	CCB5FF
RGB	204, 181, 255
RGB Percent	80%, 71%, 100%
CMY	0.2001, 0.2901, 0.0000
CMYK	0.20, 0.29, 0.00, 0.00
HSL	259°, 100%, 85%
HSV	259°, 29%, 100%
XYZ	59.4700, 53.1051, 101.7312
YIQ	196.3130, -10.0460, 27.8900

Conversions

Conversions Part 2

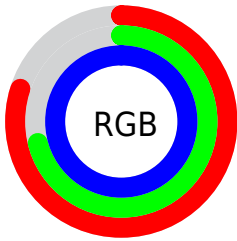
Format	Color
R_{YB}	204, 181, 255
Decimal	13415935
CIE _{Lab}	77.94, 22.75, -33.56
CIE _{LCh}	78, 40.545, 304.133
Yxy	53.1051, 0.2775, 0.2478
Android (android.graphics.Color)	4291606015 (0xFFCCB5FF)
YUV	196.3130, 28.9327, 6.7415
Hunter-Lab	72.8732, 18.1411, -31.7577

Details

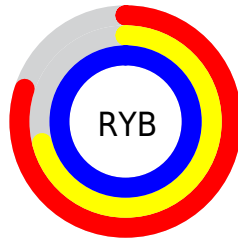
The Yxy color **53.1051, 0.2775, 0.2478** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.0202, 0.3412, 0.4057**, and the grayscale version is **55.2259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **25.9051, 0.2681, 0.2292** is the 20% darker color. If you saturate the color by 10%, you get **41.3211, 0.2622, 0.2158**, and if you desaturate by 10%, it is **67.0705, 0.2912, 0.2781**.

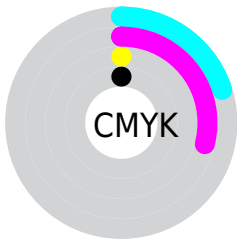
Distribution



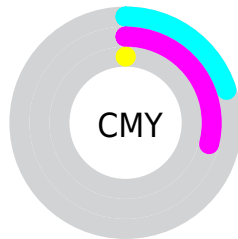
- Red (80%)
- Green (71%)
- Blue (100%)



- Red (80%)
- Yellow (71%)
- Blue (100%)



- Cyan (20%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (20%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1051, 0.2775, 0.2478 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 53.1051, 0.2775, 0.2478 by changing the saturation by 10% instead.

 53.1051, 0.2775,
0.2478

 53.1051, 0.2775,
0.2478

398.6882, 0.2950,
0.2851

 37.8867, 0.2732,
0.2394


 94.7590, 0.2838,
0.2607

 25.8947, 0.2679,
0.2291


121.9633, 0.2862,
0.2657

 16.7449, 0.2609,
0.2163


153.9316, 0.2882,
0.2700

 10.0528, 0.2514,
0.1999

191.0484, 0.2900,
0.2738

 5.4340, 0.2382,
0.1783

233.6981, 0.2915,
0.2772

 2.5041, 0.2186,
0.1491

282.2650, 0.2928,

 0.8787, 0.1874,

0.2801

0.1085

337.1336, 0.2940,
0.2828

■ 0.0000, 0.1151,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.1051, 0.2775,
0.2478

■ 53.1051, 0.2775,
0.2478

■ 41.3211, 0.2622,
0.2158

■ 67.0705, 0.2912,
0.2781

■ 31.6011, 0.2456,
0.1833

■ 83.3175, 0.3033,
0.3061

■ 23.8233, 0.2284,
0.1517

100.0000, 0.3127,
0.3290

■ 17.8508, 0.2113,
0.1232

■ 13.5282, 0.1954,
0.0995

■ 10.6723, 0.1816,
0.0823

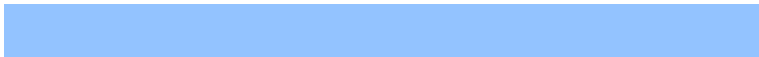
■ 9.0173, 0.1707,
0.0717

■ 8.8872, 0.1698,
0.0709

Harmonies

Analogous

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



53.1051, 0.2371, 0.2441



53.1051, 0.2775, 0.2478



53.1051, 0.3312, 0.2690

Triad

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



53.1051, 0.2775, 0.2478



53.1051, 0.4177, 0.3866



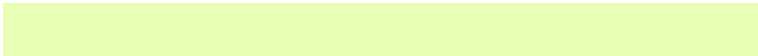
53.1051, 0.2439, 0.3519

Complementary

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



53.1051, 0.2775, 0.2478



92.0202, 0.3412, 0.4057

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.



53.1051, 0.2881, 0.4023



53.1051, 0.2775, 0.2478



53.1051, 0.3891, 0.4184

Square

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



53.1051, 0.2775, 0.2478



53.1051, 0.4164, 0.3450



53.1051, 0.3413, 0.4271



53.1051, 0.2190, 0.2987

Rectangle

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



53.1051, 0.2775, 0.2478



53.1051, 0.3675, 0.2908



53.1051, 0.3413, 0.4271



53.1051, 0.2568, 0.3702

Sweetspot

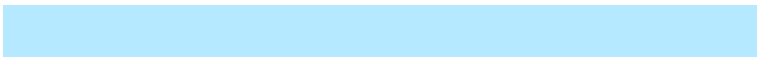
The Sweet Spot groups the original color and five complimentary colors.



53.1066, 0.2775, 0.2478



83.3418, 0.3033, 0.3061



75.2126, 0.2679, 0.3045



17.3013, 0.3016, 0.3022



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.



53.1066, 0.2775, 0.2478



45.7971, 0.2685, 0.2288



58.8344, 0.3047, 0.2540



17.6511, 0.3027, 0.3048



4.7127, 0.1713, 0.0717



0.5137, 0.1831, 0.0783

Inverse Universe

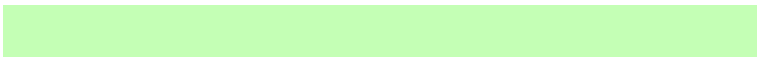
The Inverse Universe completely reimagines the original color for something new.



60.1424, 0.3339, 0.2776



54.0048, 0.3395, 0.2668



86.5673, 0.3177, 0.4116



18.1988, 0.3186, 0.3127



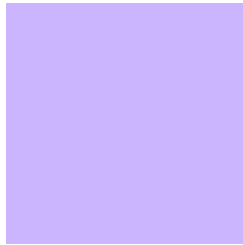
12.7724, 0.4188, 0.2081



1.2633, 0.4048, 0.2004

Previews

White Background



This preview shows how the Yxy color 53.1051, 0.2775, 0.2478 looks on a white background.

Color Contrast Check

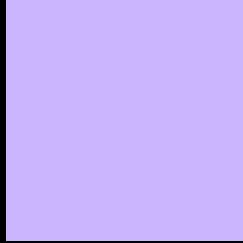
Large Text (above 18pt) WCAG AA × Fail

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 53.1051, 0.2775, 0.2478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

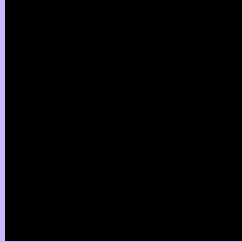
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1051, 0.2775, 0.2478

Background



This preview shows how black text looks on a background with the Yxy color 53.1051, 0.2775, 0.2478.

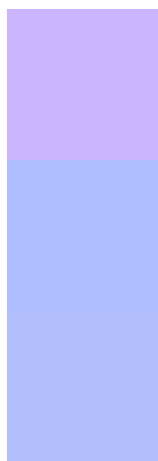


This preview shows how white text looks on a background with the Yxy color 53.1051, 0.2775, 0.2478.

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

53.1051, 0.2775, 0.2478

Protanopia

53.0456, 0.2580, 0.2538

Deuteranopia

53.5025, 0.2624, 0.2565



Tritanopia

52.8852, 0.3048, 0.3096

Trichromacy



Original Color

53.1051, 0.2775, 0.2478

Protanomaly

53.0749, 0.2648, 0.2518

Deuteranomaly

53.3878, 0.2674, 0.2532

Tritanomaly

52.9282, 0.2942, 0.2856

Monochromacy



Original Color

53.1051, 0.2775, 0.2478

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.4135, 0.3000, 0.2983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1051, 0.2775, 0.2478 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(204, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 181, 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(204, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 181, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.1051, 0.2775, 0.2478 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(204, 181, 255) }
```

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

```
.border{ border-color:rgb(204, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 181,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1051, 0.2775, 0.2478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 181, 255) }
```

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

```
.background{ background-color: rgb(204,  
181, 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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