

Converting Colors

$Yxy(58.3622, 0.2405, 0.2051)$

Have a look what the booklet for
Yxy(58.3622, 0.2405, 0.2051)
contains.

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Color

Yxy(54.0981, 0.2703, 0.2529)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C1BBFF |
| RGB | 193, 187, 255 |
| RGB Percent | 76%, 73%, 100% |
| CMY | 0.2429, 0.2667, 0.0000 |
| CMYK | 0.24, 0.27, 0.00, 0.00 |
| HSL | 245°, 100%, 87% |
| HSV | 245°, 27%, 100% |
| XYZ | 57.8202, 54.0981, 101.9928 |
| YIQ | 196.5460, -18.2520, 22.4200 |

Conversions

Conversions Part 2

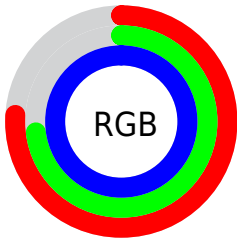
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 193, 187, 255 |
| Decimal | 12696575 |
| CIE Lab | 78.52, 16.25, -32.73 |
| CIE LCh | 79, 36.538, 296.408 |
| Yxy | 54.0981, 0.2703, 0.2529 |
| Android (android.graphics.Color) | 4290886655 (0xFFC1BBFF) |
| YUV | 196.5460, 28.8178, -3.1098 |
| Hunter-Lab | 73.5514, 11.6073, -30.7307 |

Details

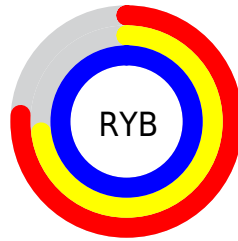
The Yxy color **54.0981, 0.2703, 0.2529** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.2280, 0.3491, 0.3968**, and the grayscale version is **55.3834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6452, 0.3100, 0.3174**, and **26.5307, 0.2590, 0.2353** is the 20% darker color. If you saturate the color by 10%, you get **41.4078, 0.2510, 0.2192**, and if you desaturate by 10%, it is **69.1929, 0.2879, 0.2841**.

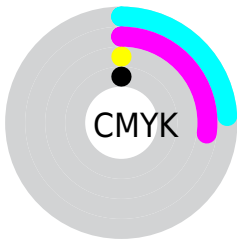
Distribution



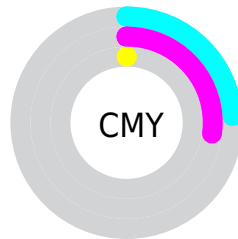
- Red (76%)
- Green (73%)
- Blue (100%)



- Red (76%)
- Yellow (73%)
- Blue (100%)



- Cyan (24%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)




- Cyan (24%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0981, 0.2703, 0.2529 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 54.0981, 0.2703, 0.2529 by changing the saturation by 10% instead.


 54.0981, 0.2703,
0.2529

 54.0981, 0.2703,
0.2529

402.4840, 0.2910,
0.2881

 38.6801, 0.2654,
0.2449


 96.2183, 0.2777,
0.2651

 26.5110, 0.2592,
0.2351


123.6892, 0.2805,
0.2698

 17.2063, 0.2512,
0.2229


155.9466, 0.2829,
0.2739

 10.3817, 0.2405,
0.2071

193.3748, 0.2850,
0.2775

 5.6527, 0.2258,
0.1861

236.3583, 0.2868,
0.2807

 2.6351, 0.2043,
0.1575

285.2814, 0.2883,

 0.9443, 0.1709,

0.2834

0.1171

340.5285, 0.2897,
0.2859

0.0000, 0.0841,
0.0000

0.0000, 0.0000,
0.0000

54.0981, 0.2703,
0.2529

54.0981, 0.2703,
0.2529

41.4078, 0.2510,
0.2192

69.1929, 0.2879,
0.2841

30.9915, 0.2306,
0.1841

86.8006, 0.3034,
0.3121

22.7164, 0.2100,
0.1495

99.9993, 0.3127,
0.3290

16.4331, 0.1906,
0.1179

■ 11.9728, 0.1740,
0.0918

■ 9.1389, 0.1616,
0.0734

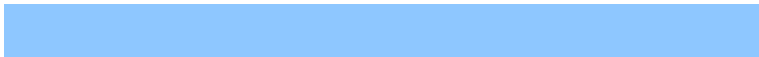
■ 7.6869, 0.1539,
0.0633

■ 7.3982, 0.1522,
0.0612

Harmonies

Analogous

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



54.0981, 0.2378, 0.2544



54.0981, 0.2703, 0.2529



54.0981, 0.3166, 0.2684

Triad

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



54.0981, 0.2703, 0.2529



54.0981, 0.4094, 0.3725



54.0981, 0.2598, 0.3622

Complementary

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



54.0981, 0.2703, 0.2529



95.2280, 0.3491, 0.3968

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.



54.0981, 0.3030, 0.4025



54.0981, 0.2703, 0.2529



54.0981, 0.3904, 0.4039

Square

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



54.0981, 0.2703, 0.2529



54.0981, 0.4004, 0.3341



54.0981, 0.3509, 0.4172



54.0981, 0.2320, 0.3137

Rectangle

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



54.0981, 0.2703, 0.2529



54.0981, 0.3498, 0.2864



54.0981, 0.3509, 0.4172



54.0981, 0.2730, 0.3776

Sweetspot

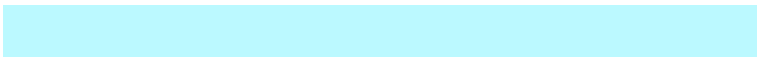
The Sweet Spot groups the original color and five complimentary colors.



54.1003, 0.2703, 0.2529



84.3123, 0.3015, 0.3086



85.7344, 0.2731, 0.3228



17.4551, 0.2992, 0.3045



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.



54.1003, 0.2703, 0.2529



47.0449, 0.2602, 0.2352



59.0314, 0.2944, 0.2579



17.4551, 0.2992, 0.3045



3.8922, 0.1528, 0.0616



0.4040, 0.1588, 0.0648

Inverse Universe

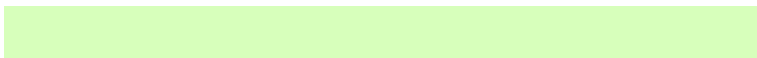
The Inverse Universe completely reimagines the original color for something new.



63.6301, 0.3203, 0.2678



58.0613, 0.3221, 0.2556



89.5971, 0.3268, 0.4020



18.2708, 0.3152, 0.3076



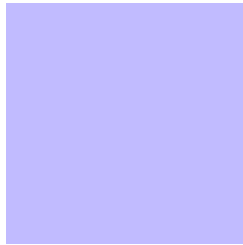
14.1729, 0.3447, 0.1673



1.3878, 0.3417, 0.1656

Previews

White Background



This preview shows how the Yxy color 54.0981, 0.2703, 0.2529 looks on a white background.

Color Contrast Check

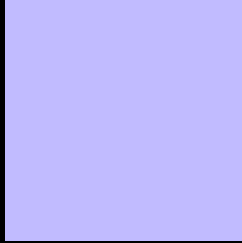
Large Text (above 18pt) WCAG AA × Fail

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 54.0981, 0.2703, 0.2529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

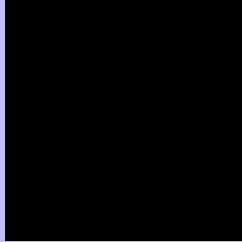
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0981, 0.2703, 0.2529

Background



This preview shows how black text looks on a background with the Yxy color 54.0981, 0.2703, 0.2529.

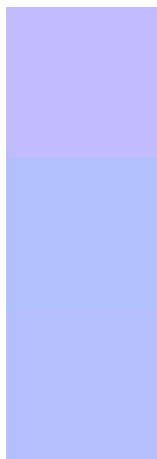


This preview shows how white text looks on a background with the Yxy color 54.0981, 0.2703, 0.2529.

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

54.0981, 0.2703, 0.2529

Protanopia

54.2664, 0.2602, 0.2566

Deuteranopia

54.2411, 0.2632, 0.2569



Tritanopia

54.0476, 0.2936, 0.3094

Trichromacy



Original Color

54.0981, 0.2703, 0.2529

Protanomaly

54.1142, 0.2639, 0.2550

Deuteranomaly

54.2970, 0.2658, 0.2563

Tritanomaly

53.9367, 0.2848, 0.2874

Monochromacy



Original Color

54.0981, 0.2703, 0.2529

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.9376, 0.2970, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0981, 0.2703, 0.2529 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(193, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 187, 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(193, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 187, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.0981, 0.2703, 0.2529 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(193, 187, 255) }
```

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

```
.border{ border-color:rgb(193, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 187,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0981, 0.2703, 0.2529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 187, 255) }
```

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

```
.background{ background-color: rgb(193,  
187, 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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