

Converting Colors

Yxy(50.9859, 0.2677, 0.2448)

Have a look what the booklet for
Yxy(50.9859, 0.2677, 0.2448)
contains.

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Color

Yxy(50.8097, 0.2675, 0.2444)

Conversions

Conversions Part 1

Format	Color
Hex	BEB4FF
RGB	190, 180, 255
RGB Percent	75%, 71%, 100%
CMY	0.2547, 0.2941, 0.0000
CMYK	0.25, 0.29, 0.00, 0.00
HSL	248°, 100%, 85%
HSV	248°, 29%, 100%
XYZ	55.6121, 50.8097, 101.4739
YIQ	191.5400, -18.1150, 25.4450

Conversions

Conversions Part 2

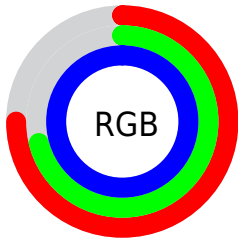
Format	Color
R_{YB}	190, 180, 255
Decimal	12498175
CIE _{Lab}	76.56, 19.22, -35.76
CIE _{LCh}	77, 40.599, 298.248
Yxy	50.8097, 0.2675, 0.2444
Android (android.graphics.Color)	4290688255 (0xFFBEB4FF)
YUV	191.5400, 31.2858, -1.3506
Hunter-Lab	71.2809, 14.5209, -34.5072

Details

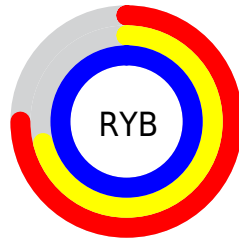
The Yxy color **50.8097, 0.2675, 0.2444** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.2100, 0.3505, 0.4045**, and the grayscale version is **52.2567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9851, 0.3083, 0.3104**, and **24.4069, 0.2551, 0.2242** is the 20% darker color. If you saturate the color by 10%, you get **38.8145, 0.2486, 0.2106**, and if you desaturate by 10%, it is **65.1334, 0.2847, 0.2761**.

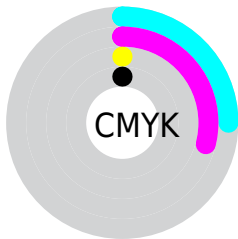
Distribution



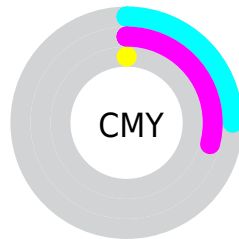
- Red (75%)
- Green (71%)
- Blue (100%)



- Red (75%)
- Yellow (71%)
- Blue (100%)



- Cyan (25%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8097, 0.2675, 0.2444 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 50.8097, 0.2675, 0.2444 by changing the saturation by 10% instead.

■ 50.8097, 0.2675,
0.2444

■ 50.8097, 0.2675,
0.2444

■ 389.8240, 0.2898,
0.2836

■ 36.0572, 0.2621,
0.2355

■ 91.3734, 0.2755,
0.2580

■ 24.4784, 0.2553,
0.2246

■ 117.9534, 0.2785,
0.2633

■ 15.6888, 0.2466,
0.2110

■ 149.2447, 0.2811,
0.2678

■ 9.3042, 0.2348,
0.1935

■ 185.6316, 0.2833,
0.2718

■ 4.9402, 0.2185,
0.1705

■ 227.4986, 0.2853,
0.2753

■ 2.2122, 0.1947,
0.1394

■ 275.2301, 0.2870,

■ 0.7266, 0.1582,

0.2784

0.0957

329.2104, 0.2885,
0.2812

0.0000, 0.0400,
0.0000

0.0000, 0.0000,
0.0000

50.8097, 0.2675,
0.2444

50.8097, 0.2675,
0.2444

38.8145, 0.2486,
0.2106

65.1334, 0.2847,
0.2761

29.0184, 0.2287,
0.1759

81.8937, 0.3001,
0.3048

21.2887, 0.2088,
0.1423

99.9993, 0.3127,
0.3290

15.4757, 0.1901,
0.1122

■ 11.4094, 0.1742,
0.0880

■ 8.8892, 0.1622,
0.0715

■ 7.6174, 0.1546,
0.0627

■ 7.5622, 0.1542,
0.0623

Harmonies

Analogous

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



50.8097, 0.2302, 0.2445



50.8097, 0.2675, 0.2444



50.8097, 0.3203, 0.2627

Triad

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



50.8097, 0.2675, 0.2444



50.8097, 0.4217, 0.3794



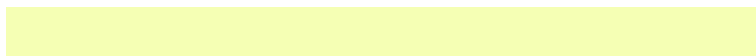
50.8097, 0.2503, 0.3633

Complementary

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



50.8097, 0.2675, 0.2444



94.2100, 0.3505, 0.4045

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.



50.8097, 0.2979, 0.4112



50.8097, 0.2675, 0.2444



50.8097, 0.3979, 0.4148

Square

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



50.8097, 0.2675, 0.2444



50.8097, 0.4139, 0.3366



50.8097, 0.3520, 0.4295



50.8097, 0.2207, 0.3078

Rectangle

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



50.8097, 0.2675, 0.2444



50.8097, 0.3579, 0.2832



50.8097, 0.3520, 0.4295



50.8097, 0.2646, 0.3814

Sweetspot

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



50.8117, 0.2675, 0.2444



82.6448, 0.3007, 0.3059



82.2204, 0.2689, 0.3180



17.1308, 0.2986, 0.3020



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.



50.8117, 0.2675, 0.2444



43.8321, 0.2571, 0.2257



56.2700, 0.2950, 0.2507



17.4944, 0.2999, 0.3046



3.9873, 0.1550, 0.0628



0.4224, 0.1630, 0.0672

Inverse Universe

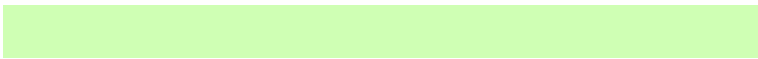
The Inverse Universe completely reimagines the original color for something new.



60.4868, 0.3238, 0.2646



54.9152, 0.3263, 0.2524



88.1444, 0.3257, 0.4109



18.2560, 0.3159, 0.3087



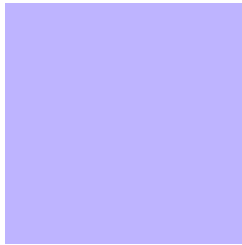
13.8483, 0.3580, 0.1746



1.3595, 0.3531, 0.1719

Previews

White Background



This preview shows how the Yxy color 50.8097, 0.2675, 0.2444 looks on a white background.

Color Contrast Check

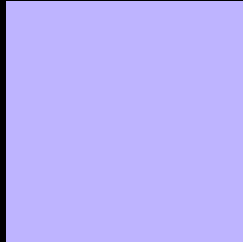
Large Text (above 18pt) WCAG AA × Fail

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 50.8097, 0.2675, 0.2444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

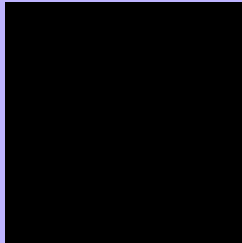
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8097, 0.2675, 0.2444

Background



This preview shows how black text looks on a background with the Yxy color 50.8097, 0.2675, 0.2444.



This preview shows how white text looks on a background with the Yxy color 50.8097, 0.2675, 0.2444.

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

50.8097, 0.2675, 0.2444

Protanopia

50.7728, 0.2542, 0.2484

Deuteranopia

50.9315, 0.2561, 0.2496



Tritanopia

50.9380, 0.2938, 0.3101

Trichromacy



Original Color

50.8097, 0.2675, 0.2444

Protanomaly

50.8481, 0.2591, 0.2471

Deuteranomaly

50.9017, 0.2604, 0.2482

Tritanomaly

50.6359, 0.2842, 0.2842

Monochromacy



Original Color

50.8097, 0.2675, 0.2444

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.9491, 0.2952, 0.2964

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8097, 0.2675, 0.2444 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(190, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 180, 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(190, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 180, 255) }
```

Border

The CSS property to change the border of an element to Yxy 50.8097, 0.2675, 0.2444 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(190, 180, 255) }
```

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

```
.border{ border-color:rgb(190, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 180,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8097, 0.2675, 0.2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 180, 255) }
```

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

```
.background{ background-color: rgb(190,  
180, 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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