

Converting Colors

Yxy(54.6744, 0.2472, 0.2169)

Have a look what the booklet for
Yxy(54.6744, 0.2472, 0.2169)
contains.

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Color

Yxy(52.1923, 0.2665, 0.2487)

Conversions

Conversions Part 1

Format	Color
Hex	BCB8FF
RGB	188, 184, 255
RGB Percent	74%, 72%, 100%
CMY	0.2628, 0.2784, 0.0000
CMYK	0.26, 0.28, 0.00, 0.00
HSL	243°, 100%, 86%
HSV	243°, 28%, 100%
XYZ	55.9278, 52.1923, 101.7404
YIQ	193.2900, -20.4070, 22.9290

Conversions

Conversions Part 2

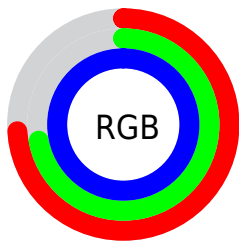
Format	Color
R _Y B	188, 184, 255
Decimal	12368127
CIE Lab	77.40, 16.42, -34.50
CIE LCh	77, 38.208, 295.450
Yxy	52.1923, 0.2665, 0.2487
Android (android.graphics.Color)	4290558207 (0xFFBCB8FF)
YUV	193.2900, 30.4230, -4.6393
Hunter-Lab	72.2442, 11.7582, -32.9262

Details

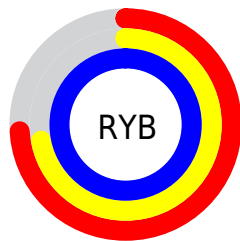
The Yxy color **52.1923, 0.2665, 0.2487** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.4936, 0.3523, 0.3995**, and the grayscale version is **53.3343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9527, 0.3069, 0.3143**, and **25.2964, 0.2541, 0.2297** is the 20% darker color. If you saturate the color by 10%, you get **39.7309, 0.2464, 0.2145**, and if you desaturate by 10%, it is **67.0759, 0.2849, 0.2804**.

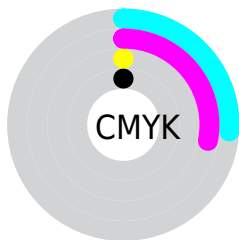
Distribution



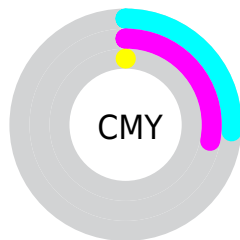
- Red (74%)
- Green (72%)
- Blue (100%)



- Red (74%)
- Yellow (72%)
- Blue (100%)



- Cyan (26%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1923, 0.2665, 0.2487 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 52.1923, 0.2665, 0.2487 by changing the saturation by 10% instead.

■ 52.1923, 0.2665,
0.2487

■ 52.1923, 0.2665,
0.2487

■ 395.1785, 0.2891,
0.2860

■ 37.1584, 0.2611,
0.2402

■ 93.4148, 0.2746,
0.2616

■ 25.3301, 0.2543,
0.2299

■ 120.3721, 0.2776,
0.2666

■ 16.3232, 0.2455,
0.2168

■ 152.0727, 0.2803,
0.2710

■ 9.7531, 0.2339,
0.2001

■ 188.9010, 0.2825,
0.2748

■ 5.2356, 0.2177,
0.1779

■ 231.2413, 0.2845,
0.2781

■ 2.3861, 0.1942,
0.1478

■ 279.4781, 0.2862,

■ 0.8187, 0.1582,

0.2810

0.1057

333.9957, 0.2878,
0.2837

0.0000, 0.0465,
0.0000

0.0000, 0.0000,
0.0000

52.1923, 0.2665,
0.2487

52.1923, 0.2665,
0.2487

39.7309, 0.2464,
0.2145

67.0759, 0.2849,
0.2804

29.5593, 0.2254,
0.1790

84.4955, 0.3013,
0.3090

21.5393, 0.2046,
0.1443

100.0000, 0.3127,
0.3290

15.5160, 0.1855,
0.1131

■ 11.3138, 0.1696,
0.0878

■ 8.7263, 0.1583,
0.0706

■ 7.4831, 0.1520,
0.0619

■ 7.3158, 0.1512,
0.0607

Harmonies

Analogous

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



52.1923, 0.2330, 0.2508



52.1923, 0.2665, 0.2487



52.1923, 0.3150, 0.2644

Triad

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



52.1923, 0.2665, 0.2487



52.1923, 0.4151, 0.3732



52.1923, 0.2580, 0.3658

Complementary

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



52.1923, 0.2665, 0.2487



95.4936, 0.3523, 0.3995

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.



52.1923, 0.3039, 0.4081



52.1923, 0.2665, 0.2487



52.1923, 0.3957, 0.4071

Square

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



52.1923, 0.2665, 0.2487



52.1923, 0.4048, 0.3328



52.1923, 0.3544, 0.4225



52.1923, 0.2282, 0.3141

Rectangle

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



52.1923, 0.2665, 0.2487



52.1923, 0.3502, 0.2831



52.1923, 0.3544, 0.4225



52.1923, 0.2720, 0.3821

Sweetspot

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



52.1938, 0.2665, 0.2487



84.1970, 0.3011, 0.3086



86.6873, 0.2717, 0.3251



17.4264, 0.2987, 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.



52.1938, 0.2665, 0.2487



45.4692, 0.2563, 0.2313



57.2003, 0.2917, 0.2542



17.4264, 0.2987, 0.3045



3.8419, 0.1516, 0.0609



0.3904, 0.1556, 0.0631

Inverse Universe

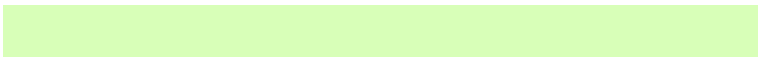
The Inverse Universe completely reimagines the original color for something new.



62.5101, 0.3189, 0.2630



57.2489, 0.3202, 0.2509



89.5729, 0.3289, 0.4051



18.2817, 0.3147, 0.3069



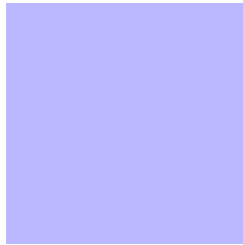
14.4255, 0.3355, 0.1622



1.4097, 0.3337, 0.1612

Previews

White Background



This preview shows how the Yxy color 52.1923, 0.2665, 0.2487 looks on a white background.

Color Contrast Check

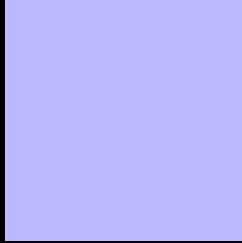
Large Text (above 18pt) WCAG AA × Fail

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 52.1923, 0.2665, 0.2487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

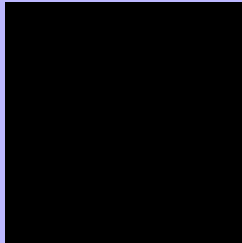
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1923, 0.2665, 0.2487

Background



This preview shows how black text looks on a background with the Yxy color 52.1923, 0.2665, 0.2487.

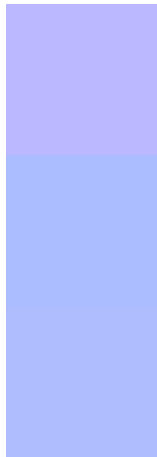


This preview shows how white text looks on a background with the Yxy color 52.1923, 0.2665, 0.2487.

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

52.1923, 0.2665, 0.2487

Protanopia

52.3858, 0.2566, 0.2524

Deuteranopia

52.2362, 0.2589, 0.2526



Tritanopia

52.2777, 0.2911, 0.3102

Trichromacy



Original Color

52.1923, 0.2665, 0.2487

Protanomaly

52.2256, 0.2602, 0.2508

Deuteranomaly

52.3997, 0.2621, 0.2521

Tritanomaly

52.2082, 0.2817, 0.2867

Monochromacy



Original Color

52.1923, 0.2665, 0.2487

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.8611, 0.2945, 0.2977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1923, 0.2665, 0.2487 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(188, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 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(188, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 184, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.1923, 0.2665, 0.2487 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(188, 184, 255) }
```

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

```
.border{ border-color:rgb(188, 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(188, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 184,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1923, 0.2665, 0.2487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 184, 255) }
```

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

```
.background{ background-color: rgb(188,  
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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