

Converting Colors

Yxy(52.9698, 0.2436, 0.2114)

Have a look what the booklet for
Yxy(52.9698, 0.2436, 0.2114)
contains.

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Color

Yxy(50.1768, 0.2640, 0.2436)

Conversions

Conversions Part 1

Format	Color
Hex	B9B4FF
RGB	185, 180, 255
RGB Percent	73%, 71%, 100%
CMY	0.2745, 0.2941, 0.0000
CMYK	0.27, 0.29, 0.00, 0.00
HSL	244°, 100%, 85%
HSV	244°, 29%, 100%
XYZ	54.3788, 50.1768, 101.4247
YIQ	190.0450, -21.0950, 24.3850

Conversions

Conversions Part 2

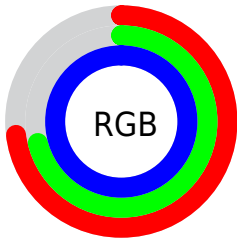
Format	Color
R _Y B	185, 180, 255
Decimal	12170495
CIE Lab	76.18, 17.76, -36.40
CIE LCh	76, 40.502, 296.015
Yxy	50.1768, 0.2640, 0.2436
Android (android.graphics.Color)	4290360575 (0xFFB9B4FF)
YUV	190.0450, 32.0228, -4.4245
Hunter-Lab	70.8356, 13.0679, -35.3084

Details

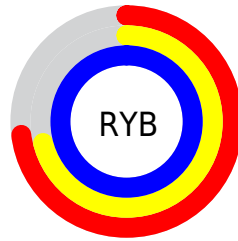
The Yxy color **50.1768, 0.2640, 0.2436** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.1380, 0.3539, 0.4036**, and the grayscale version is **51.3425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0882, 0.3051, 0.3102**, and **24.0018, 0.2508, 0.2230** is the 20% darker color. If you saturate the color by 10%, you get **38.0962, 0.2439, 0.2092**, and if you desaturate by 10%, it is **64.6506, 0.2825, 0.2757**.

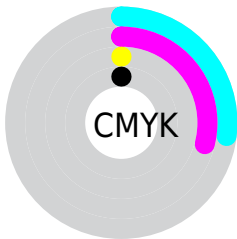
Distribution



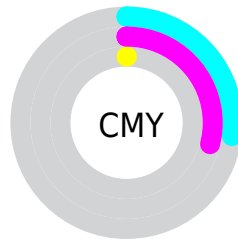
- Red (73%)
- Green (71%)
- Blue (100%)



- Red (73%)
- Yellow (71%)
- Blue (100%)



- Cyan (27%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1768, 0.2640, 0.2436 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 50.1768, 0.2640, 0.2436 by changing the saturation by 10% instead.

■ 50.1768, 0.2640,
0.2436

■ 50.1768, 0.2640,
0.2436

■ 387.3569, 0.2880,
0.2833

■ 35.5539, 0.2582,
0.2346

■ 90.4368, 0.2726,
0.2574

■ 24.0899, 0.2510,
0.2235

■ 116.8426, 0.2758,
0.2627

■ 15.4003, 0.2416,
0.2097

■ 147.9449, 0.2786,
0.2673

■ 9.1008, 0.2291,
0.1919

■ 184.1281, 0.2810,
0.2714

■ 4.8070, 0.2118,
0.1685

■ 225.7765, 0.2831,
0.2749

■ 2.1345, 0.1867,
0.1368

■ 273.2745, 0.2849,

■ 0.6839, 0.1487,

0.2780

0.0918

327.0065, 0.2866,
0.2808

0.0000, 0.0121,
0.0000

0.0000, 0.0000,
0.0000

50.1768, 0.2640,
0.2436

50.1768, 0.2640,
0.2436

38.0962, 0.2439,
0.2092

64.6506, 0.2825,
0.2757

28.2742, 0.2230,
0.1738

81.6306, 0.2990,
0.3047

20.5721, 0.2024,
0.1396

99.9999, 0.3127,
0.3290

14.8333, 0.1837,
0.1091

■ 10.8797, 0.1683,
0.0850

■ 8.5006, 0.1576,
0.0690

■ 7.3851, 0.1517,
0.0611

■ 7.3391, 0.1515,
0.0608

Harmonies

Analogous

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



50.1768, 0.2281, 0.2452



50.1768, 0.2640, 0.2436



50.1768, 0.3161, 0.2607

Triad

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



50.1768, 0.2640, 0.2436



50.1768, 0.4225, 0.3764



50.1768, 0.2532, 0.3675

Complementary

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



50.1768, 0.2640, 0.2436



95.1380, 0.3539, 0.4036

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.



50.1768, 0.3019, 0.4139



50.1768, 0.2640, 0.2436



50.1768, 0.4008, 0.4128

Square

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



50.1768, 0.2640, 0.2436



50.1768, 0.4122, 0.3334



50.1768, 0.3560, 0.4296



50.1768, 0.2220, 0.3116

Rectangle

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



50.1768, 0.2640, 0.2436



50.1768, 0.3539, 0.2806



50.1768, 0.3560, 0.4296



50.1768, 0.2680, 0.3853

Sweetspot

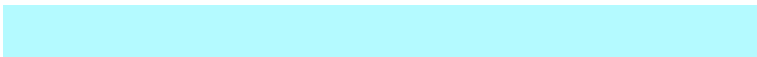
The Sweet Spot groups the original color and five complimentary colors.



50.1788, 0.2640, 0.2436



82.3829, 0.2997, 0.3059



85.2942, 0.2695, 0.3235



17.0669, 0.2974, 0.3019



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.



50.1788, 0.2640, 0.2436



43.1386, 0.2529, 0.2246



55.4727, 0.2912, 0.2498



17.4356, 0.2989, 0.3045



3.8563, 0.1520, 0.0611



0.3948, 0.1566, 0.0636

Inverse Universe

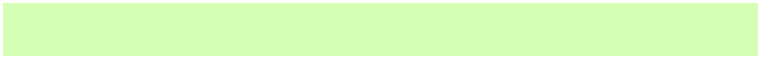
The Inverse Universe completely reimagines the original color for something new.



60.8057, 0.3199, 0.2600



55.2842, 0.3215, 0.2471



88.8862, 0.3289, 0.4101



18.2782, 0.3148, 0.3071



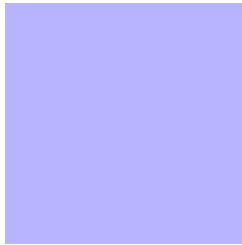
14.3431, 0.3384, 0.1638



1.4026, 0.3362, 0.1626

Previews

White Background



This preview shows how the Yxy color 50.1768, 0.2640, 0.2436 looks on a white background.

Color Contrast Check

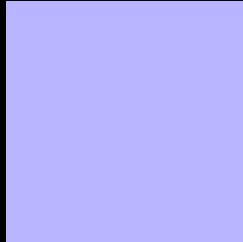
Large Text (above 18pt) WCAG AA × Fail

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 50.1768, 0.2640, 0.2436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

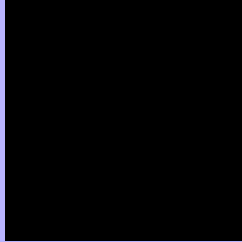
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1768, 0.2640, 0.2436

Background



This preview shows how black text looks on a background with the Yxy color 50.1768, 0.2640, 0.2436.



This preview shows how white text looks on a background with the Yxy color 50.1768, 0.2640, 0.2436.

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

50.1768, 0.2640, 0.2436

Protanopia

50.1334, 0.2528, 0.2469

Deuteranopia

50.2887, 0.2546, 0.2482



Tritanopia

50.3486, 0.2900, 0.3099

Trichromacy



Original Color

50.1768, 0.2640, 0.2436

Protanomaly

50.0856, 0.2570, 0.2455

Deuteranomaly

50.1367, 0.2582, 0.2466

Tritanomaly

50.0292, 0.2805, 0.2837

Monochromacy



Original Color

50.1768, 0.2640, 0.2436

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.6642, 0.2935, 0.2948

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1768, 0.2640, 0.2436 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(185, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 180, 255) }
```

Border

The CSS property to change the border of an element to Yxy 50.1768, 0.2640, 0.2436 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(185, 180, 255) }
```

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

```
.border{ border-color:rgb(185, 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(185, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 180,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1768, 0.2640, 0.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 180, 255) }
```

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

```
.background{ background-color: rgb(185,  
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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