

Converting Colors

Yxy(50.1409, 0.2595, 0.2449)

Have a look what the booklet for
Yxy(50.1409, 0.2595, 0.2449)
contains.

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Color

Yxy(50.1409, 0.2595, 0.2449)

Conversions

Conversions Part 1

Format	Color
Hex	B2B6FF
RGB	178, 182, 255
RGB Percent	70%, 71%, 100%
CMY	0.3021, 0.2862, 0.0001
CMYK	0.30, 0.29, 0.00, 0.00
HSL	237°, 100%, 85%
HSV	237°, 30%, 100%
XYZ	53.1301, 50.1409, 101.4693
YIQ	189.1260, -25.8170, 21.8550

Conversions

Conversions Part 2

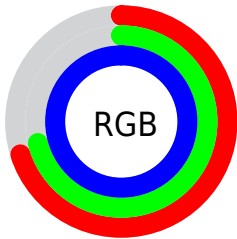
Format	Color
R_{YB}	178, 182, 255
Decimal	11712255
CIE _{Lab}	76.16, 14.66, -36.46
CIE _{LCh}	76, 39.300, 291.898
Yxy	50.1409, 0.2595, 0.2449
Android (android.graphics.Color)	4289902335 (0xFFB2B6FF)
YUV	189.1260, 32.4759, -9.7575
Hunter-Lab	70.8102, 10.0136, -35.3939

Details

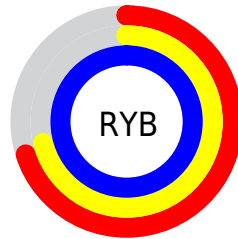
The Yxy color **50.1409, 0.2595, 0.2449** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.4249, 0.3596, 0.4012**, and the grayscale version is **50.7852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0312, 0.3006, 0.3120**, and **23.9887, 0.2453, 0.2245** is the 20% darker color. If you saturate the color by 10%, you get **38.3449, 0.2387, 0.2114**, and if you desaturate by 10%, it is **64.2083, 0.2790, 0.2759**.

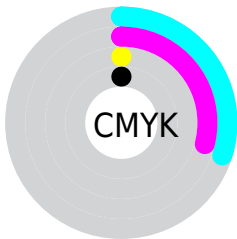
Distribution



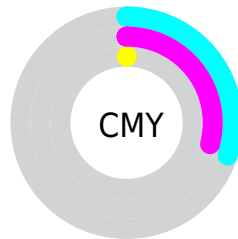
- Red (70%)
- Green (71%)
- Blue (100%)



- Red (70%)
- Yellow (71%)
- Blue (100%)



- Cyan (30%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1409, 0.2595, 0.2449 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 50.1409, 0.2595, 0.2449 by changing the saturation by 10% instead.

■ 50.1409, 0.2595,
0.2449

■ 50.1409, 0.2595,
0.2449

387.2167, 0.2855,
0.2842

■ 35.5254, 0.2533,
0.2359

■ 90.3836, 0.2688,
0.2585

■ 24.0679, 0.2455,
0.2249

116.7796, 0.2723,
0.2639

■ 15.3840, 0.2354,
0.2111

147.8711, 0.2753,
0.2684

■ 9.0893, 0.2221,
0.1934

184.0427, 0.2779,
0.2724

■ 4.7995, 0.2038,
0.1699

225.6786, 0.2802,
0.2759

■ 2.1301, 0.1774,
0.1380

273.1633, 0.2822,

■ 0.6815, 0.1380,

0.2790

0.0926

326.8812, 0.2840,
0.2817

0.0000, 0.0000,
0.0000

50.1409, 0.2595,
0.2449

50.1409, 0.2595,
0.2449

38.3449, 0.2387,
0.2114

64.2083, 0.2790,
0.2759

28.6957, 0.2174,
0.1769

80.6513, 0.2967,
0.3039

21.0657, 0.1970,
0.1431

99.5747, 0.3124,
0.3285

15.3114, 0.1789,
0.1127

99.9988, 0.3127,
0.3290

11.2703, 0.1646,
0.0881

■ 8.7523, 0.1552,
0.0711

■ 7.5168, 0.1506,
0.0622

Harmonies

Analogous

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



50.1409, 0.2271, 0.2493



50.1409, 0.2595, 0.2449



50.1409, 0.3085, 0.2592

Triad

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



50.1409, 0.2595, 0.2449



50.1409, 0.4199, 0.3698



50.1409, 0.2607, 0.3736

Complementary

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



50.1409, 0.2595, 0.2449



93.4249, 0.3596, 0.4012

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.



50.1409, 0.3095, 0.4153



50.1409, 0.2595, 0.2449



50.1409, 0.4028, 0.4066

Square

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



50.1409, 0.2595, 0.2449



50.1409, 0.4054, 0.3277



50.1409, 0.3618, 0.4260



50.1409, 0.2274, 0.3194

Rectangle

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



50.1409, 0.2595, 0.2449



50.1409, 0.3453, 0.2774



50.1409, 0.3618, 0.4260



50.1409, 0.2757, 0.3901

Sweetspot

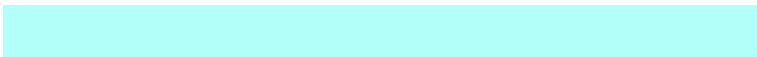
The Sweet Spot groups the original color and five complimentary colors.



50.1429, 0.2595, 0.2449



82.8067, 0.2987, 0.3070



87.8625, 0.2715, 0.3344



17.1701, 0.2963, 0.3032



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.



50.1429, 0.2595, 0.2449



43.0408, 0.2476, 0.2257



52.9478, 0.2827, 0.2457



17.5307, 0.2978, 0.3057



3.9906, 0.1509, 0.0631



0.4400, 0.1529, 0.0705

Inverse Universe

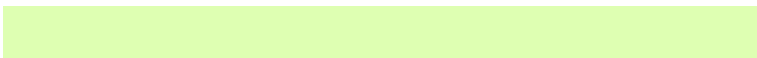
The Inverse Universe completely reimagines the original color for something new.



56.4640, 0.3775, 0.3249



50.3534, 0.3956, 0.3242



90.1897, 0.3360, 0.4107



18.0025, 0.3286, 0.3278



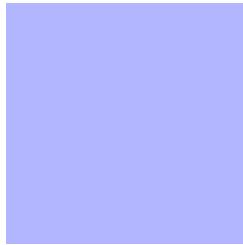
11.1308, 0.6348, 0.3271



1.0890, 0.6225, 0.3203

Previews

White Background



This preview shows how the Yxy color 50.1409, 0.2595, 0.2449 looks on a white background.

Color Contrast Check

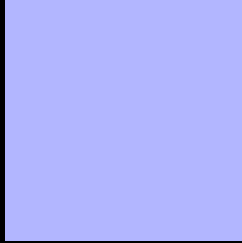
Large Text (above 18pt) WCAG AA × Fail

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 50.1409, 0.2595, 0.2449 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 50.1409, 0.2595, 0.2449

Background



This preview shows how black text looks on a background with the Yxy color 50.1409, 0.2595, 0.2449.



This preview shows how white text looks on a background with the Yxy color 50.1409, 0.2595, 0.2449.

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

50.1409, 0.2595, 0.2449

Protanopia

50.1334, 0.2528, 0.2469

Deuteranopia

50.1785, 0.2540, 0.2480



Tritanopia

50.0427, 0.2842, 0.3097

Trichromacy



Original Color

50.1409, 0.2595, 0.2449

Protanomaly

50.1589, 0.2552, 0.2462

Deuteranomaly

50.2074, 0.2564, 0.2474

Tritanomaly

50.1189, 0.2750, 0.2844

Monochromacy



Original Color

50.1409, 0.2595, 0.2449

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.2362, 0.2919, 0.2958

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1409, 0.2595, 0.2449 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(178, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(178, 182, 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(178, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 182, 255) }
```

Border

The CSS property to change the border of an element to Yxy 50.1409, 0.2595, 0.2449 is called "border". The border property can be set on classes, ids or directly on the HTML element.

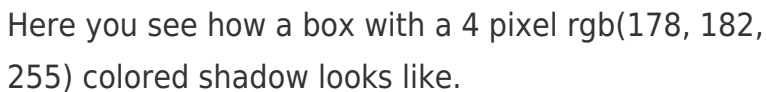
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 182, 255) }
```

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

```
.border{ border-color:rgb(178, 182, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(178, 182,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1409, 0.2595, 0.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 182, 255) }
```

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

```
.background{ background-color: rgb(178,  
182, 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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