

Converting Colors

Yxy(52.3458, 0.2548, 0.2528)

Have a look what the booklet for
Yxy(52.3458, 0.2548, 0.2528)
contains.

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Color

Yxy(52.4819, 0.2549, 0.2532)

Conversions

Conversions Part 1

Format	Color
Hex	A9BEFF
RGB	169, 190, 255
RGB Percent	66%, 75%, 100%
CMY	0.3370, 0.2549, 0.0000
CMYK	0.34, 0.25, 0.00, 0.00
HSL	225°, 100%, 83%
HSV	225°, 34%, 100%
XYZ	52.8343, 52.4819, 101.9583
YIQ	191.1310, -33.3810, 15.7630

Conversions

Conversions Part 2

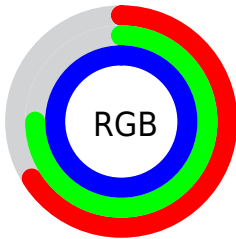
Format	Color
R _Y B	169, 186, 255
Decimal	11124479
CIE Lab	77.57, 7.80, -34.34
CIE LCh	78, 35.218, 282.801
Yxy	52.4819, 0.2549, 0.2532
Android (android.graphics.Color)	4289314559 (0xFFA9BEFF)
YUV	191.1310, 31.4874, -19.4089
Hunter-Lab	72.4444, 3.4038, -32.7337

Details

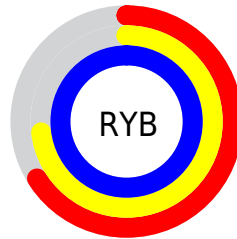
The Yxy color **52.4819, 0.2549, 0.2532** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.0081, 0.3701, 0.3946**, and the grayscale version is **52.0142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3003, 0.2950, 0.3199**, and **25.5459, 0.2401, 0.2352** is the 20% darker color. If you saturate the color by 10%, you get **42.1224, 0.2358, 0.2258**, and if you desaturate by 10%, it is **64.5002, 0.2734, 0.2786**.

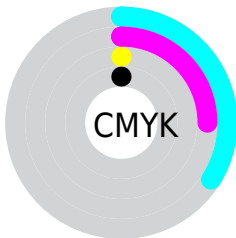
Distribution



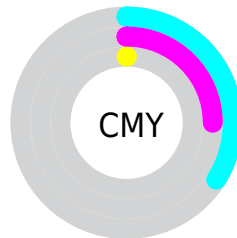
- Red (66%)
- Green (75%)
- Blue (100%)



- Red (66%)
- Yellow (73%)
- Blue (100%)



- Cyan (34%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4819, 0.2549, 0.2532 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 52.4819, 0.2549, 0.2532 by changing the saturation by 10% instead.

■ 52.4819, 0.2549,
0.2532

■ 52.4819, 0.2549,
0.2532

396.2942, 0.2827,
0.2889

■ 37.3893, 0.2483,
0.2450

■ 93.8416, 0.2647,
0.2656

■ 25.5091, 0.2402,
0.2349

120.8774, 0.2685,
0.2704

■ 16.4567, 0.2297,
0.2222

152.6632, 0.2717,
0.2746

■ 9.8479, 0.2160,
0.2057

189.5832, 0.2745,
0.2782

■ 5.2982, 0.1973,
0.1837

232.0220, 0.2770,
0.2813

■ 2.4233, 0.1707,
0.1534

280.3638, 0.2791,

■ 0.8378, 0.1315,

0.2841

0.1107

334.9931, 0.2810,
0.2866

0.0000, 0.0000,
0.0000

52.4819, 0.2549,
0.2532

52.4819, 0.2549,
0.2532

42.1224, 0.2358,
0.2258

64.5002, 0.2734,
0.2786

33.3419, 0.2168,
0.1972

78.2428, 0.2909,
0.3016

26.0605, 0.1988,
0.1683

93.7774, 0.3071,
0.3220

20.1892, 0.1829,
0.1406

100.0000, 0.3127,
0.3290

15.6284, 0.1700,
0.1158

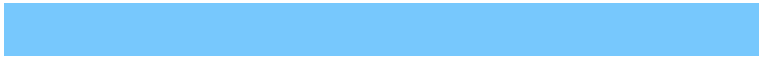
■ 12.2631, 0.1609,
0.0952

■ 10.6782, 0.1569,
0.0847

Harmonies

Analogous

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



52.4819, 0.2312, 0.2631



52.4819, 0.2549, 0.2532



52.4819, 0.2950, 0.2611

Triad

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



52.4819, 0.2549, 0.2532



52.4819, 0.4064, 0.3549



52.4819, 0.2790, 0.3812

Complementary

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



52.4819, 0.2549, 0.2532



83.0081, 0.3701, 0.3946

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.



52.4819, 0.3248, 0.4105



52.4819, 0.2549, 0.2532



52.4819, 0.3999, 0.3897

Square

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



52.4819, 0.2549, 0.2532



52.4819, 0.3852, 0.3172



52.4819, 0.3693, 0.4120



52.4819, 0.2440, 0.3353

Rectangle

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



52.4819, 0.2549, 0.2532



52.4819, 0.3270, 0.2749



52.4819, 0.3693, 0.4120



52.4819, 0.2936, 0.3937

Sweetspot

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



52.4835, 0.2549, 0.2532



83.7855, 0.2971, 0.3094



85.8735, 0.2750, 0.3529



17.4772, 0.2948, 0.3065



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.



52.4835, 0.2549, 0.2532



45.7724, 0.2429, 0.2362



46.6325, 0.2667, 0.2320



18.0962, 0.2979, 0.3105



5.7729, 0.1576, 0.0872



0.7241, 0.1633, 0.1078

Inverse Universe

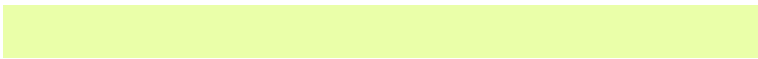
The Inverse Universe completely reimagines the original color for something new.



53.3729, 0.3727, 0.3073



47.2507, 0.3891, 0.3032



91.7967, 0.3491, 0.4178



18.0596, 0.3256, 0.3232



11.3107, 0.5955, 0.3054



1.1176, 0.5642, 0.2882

Previews

White Background



This preview shows how the Yxy color 52.4819, 0.2549, 0.2532 looks on a white background.

Color Contrast Check

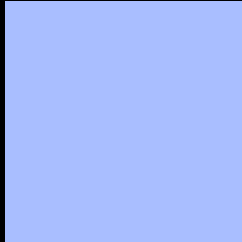
Large Text (above 18pt) WCAG AA × Fail

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 52.4819, 0.2549, 0.2532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

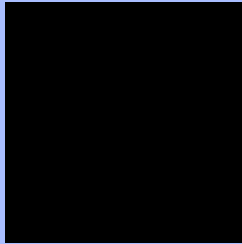
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4819, 0.2549, 0.2532

Background



This preview shows how black text looks on a background with the Yxy color 52.4819, 0.2549, 0.2532.



This preview shows how white text looks on a background with the Yxy color 52.4819, 0.2549, 0.2532.

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

52.4819, 0.2549, 0.2532

Protanopia

52.4352, 0.2578, 0.2535

Deuteranopia

52.3004, 0.2584, 0.2516



Tritanopia

52.6658, 0.2747, 0.3098

Trichromacy



Original Color

52.4819, 0.2549, 0.2532

Protanomaly

52.3216, 0.2572, 0.2534

Deuteranomaly

52.4994, 0.2572, 0.2525

Tritanomaly

52.4182, 0.2672, 0.2880

Monochromacy



Original Color

52.4819, 0.2549, 0.2532

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1839, 0.2899, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4819, 0.2549, 0.2532 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(169, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 190, 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(169, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 190, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.4819, 0.2549, 0.2532 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(169, 190, 255) }
```

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

```
.border{ border-color:rgb(169, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 190,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4819, 0.2549, 0.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 190, 255) }
```

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

```
.background{ background-color: rgb(169,  
190, 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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