

Converting Colors

$Y_{xy}(50.2096, 0.2535, 0.2458)$

Have a look what the booklet for
Yxy(50.2096, 0.2535, 0.2458)
contains.

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Color

Yxy(50.3529, 0.2541, 0.2472)

Conversions

Conversions Part 1

Format	Color
Hex	A9B9FF
RGB	169, 185, 255
RGB Percent	66%, 73%, 100%
CMY	0.3372, 0.2745, 0.0001
CMYK	0.34, 0.27, 0.00, 0.00
HSL	229°, 100%, 83%
HSV	229°, 34%, 100%
XYZ	51.7584, 50.3529, 101.5817
YIQ	188.1960, -32.0060, 18.3780

Conversions

Conversions Part 2

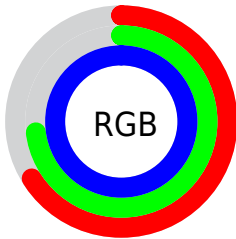
Format	Color
RYB	169, 182, 255
Decimal	11123199
CIELab	76.29, 10.52, -36.31
CIELCh	76, 37.807, 286.160
Yxy	50.3529, 0.2541, 0.2472
Android (android.graphics.Color)	4289313279 (0xFFA9B9FF)
YUV	188.1960, 32.9344, -16.8349
Hunter-Lab	70.9598, 6.0191, -35.2041

Details

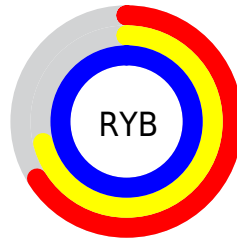
The Yxy color **50.3529, 0.2541, 0.2472** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.8406, 0.3686, 0.3992**, and the grayscale version is **50.2306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2993, 0.2950, 0.3148**, and **24.1572, 0.2388, 0.2273** is the 20% darker color. If you saturate the color by 10%, you get **39.7458, 0.2344, 0.2177**, and if you desaturate by 10%, it is **62.7810, 0.2731, 0.2746**.

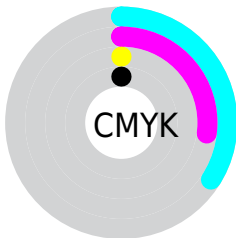
Distribution



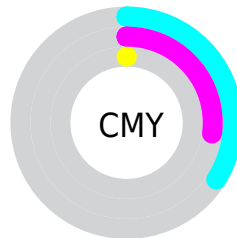
- Red (66%)
- Green (73%)
- Blue (100%)



- Red (66%)
- Yellow (71%)
- Blue (100%)



- Cyan (34%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3529, 0.2541, 0.2472 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 50.3529, 0.2541, 0.2472 by changing the saturation by 10% instead.

■ 50.3529, 0.2541,
0.2472

■ 50.3529, 0.2541,
0.2472

388.0444, 0.2826,
0.2857

■ 35.6939, 0.2474,
0.2384

■ 90.6975, 0.2642,
0.2606

■ 24.1979, 0.2389,
0.2275

117.1519, 0.2681,
0.2658

■ 15.4805, 0.2281,
0.2139

148.3069, 0.2714,
0.2703

■ 9.1573, 0.2139,
0.1962

184.5469, 0.2742,
0.2741

■ 4.8439, 0.1944,
0.1728

226.2562, 0.2767,
0.2776

■ 2.1560, 0.1667,
0.1409

273.8193, 0.2789,

■ 0.6958, 0.1261,

0.2806

0.0953

327.6206, 0.2808,
0.2833

0.0000, 0.0000,
0.0000

50.3529, 0.2541,
0.2472

50.3529, 0.2541,
0.2472

39.7458, 0.2344,
0.2177

62.7810, 0.2731,
0.2746

30.8670, 0.2147,
0.1871

77.1051, 0.2908,
0.2994

23.6246, 0.1961,
0.1567

93.4030, 0.3071,
0.3215

17.9150, 0.1797,
0.1282

99.9988, 0.3127,
0.3290

13.6224, 0.1667,
0.1035

■ 10.6129, 0.1578,
0.0842

■ 9.2889, 0.1542,
0.0751

Harmonies

Analogous

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



50.3529, 0.2265, 0.2553



50.3529, 0.2541, 0.2472



50.3529, 0.2989, 0.2578

Triad

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



50.3529, 0.2541, 0.2472



50.3529, 0.4154, 0.3610



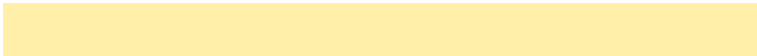
50.3529, 0.2709, 0.3810

Complementary

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



50.3529, 0.2541, 0.2472



85.8406, 0.3686, 0.3992

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.



50.3529, 0.3196, 0.4162



50.3529, 0.2541, 0.2472



50.3529, 0.4047, 0.3980

Square

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



50.3529, 0.2541, 0.2472



50.3529, 0.3957, 0.3203



50.3529, 0.3689, 0.4206



50.3529, 0.2352, 0.3297

Rectangle

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



50.3529, 0.2541, 0.2472



50.3529, 0.3340, 0.2737



50.3529, 0.3689, 0.4206



50.3529, 0.2862, 0.3956

Sweetspot

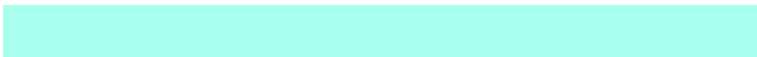
The Sweet Spot groups the original color and five complimentary colors.



50.3548, 0.2541, 0.2472



82.9465, 0.2971, 0.3079



86.1035, 0.2729, 0.3480



17.2757, 0.2947, 0.3048



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.



50.3548, 0.2541, 0.2472



43.4920, 0.2418, 0.2289



47.1708, 0.2698, 0.2327



17.9246, 0.2979, 0.3090



5.0102, 0.1548, 0.0772



0.6270, 0.1599, 0.0957

Inverse Universe

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



53.1365, 0.3773, 0.3124



47.0205, 0.3952, 0.3093



91.0612, 0.3462, 0.4187



18.0423, 0.3265, 0.3246



11.2337, 0.6115, 0.3142



1.1078, 0.5824, 0.2982

Previews

White Background



This preview shows how the Yxy color 50.3529, 0.2541, 0.2472 looks on a white background.

Color Contrast Check

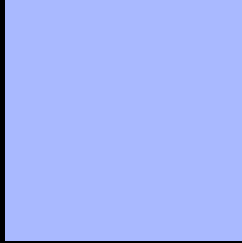
Large Text (above 18pt) WCAG AA × Fail

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 50.3529, 0.2541, 0.2472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

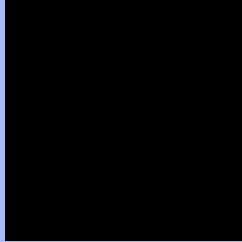
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3529, 0.2541, 0.2472

Background



This preview shows how black text looks on a background with the Yxy color 50.3529, 0.2541, 0.2472.



This preview shows how white text looks on a background with the Yxy color 50.3529, 0.2541, 0.2472.

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

50.3529, 0.2541, 0.2472

Protanopia

50.2428, 0.2535, 0.2470

Deuteranopia

50.2428, 0.2535, 0.2470



Tritanopia

50.5580, 0.2761, 0.3095

Trichromacy



Original Color

50.3529, 0.2541, 0.2472

Protanomaly

50.2428, 0.2535, 0.2470

Deuteranomaly

50.2428, 0.2535, 0.2470

Tritanomaly

50.5391, 0.2678, 0.2852

Monochromacy



Original Color

50.3529, 0.2541, 0.2472

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1179, 0.2896, 0.2979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3529, 0.2541, 0.2472 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, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 185, 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, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 185, 255) }
```

Border

The CSS property to change the border of an element to Yxy 50.3529, 0.2541, 0.2472 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, 185, 255) }
```

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

```
.border{ border-color:rgb(169, 185, 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, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 185,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3529, 0.2541, 0.2472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 185, 255) }
```

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

```
.background{ background-color: rgb(169,  
185, 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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