

Converting Colors

$Yxy(51.9121, 0.2563, 0.2536)$

Have a look what the booklet for
Yxy(51.9121, 0.2563, 0.2536)
contains.

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Color

Yxy(52.0331, 0.2564, 0.2541)

Conversions

Conversions Part 1

Format	Color
Hex	AABDFD
RGB	170, 189, 253
RGB Percent	67%, 74%, 99%
CMY	0.3335, 0.2588, 0.0077
CMYK	0.33, 0.25, 0.00, 0.01
HSL	226°, 95%, 83%
HSV	226°, 33%, 99%
XYZ	52.5041, 52.0331, 100.2369
YIQ	190.6150, -31.8680, 15.8760

Conversions

Conversions Part 2

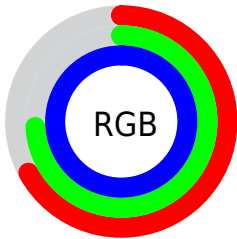
Format	Color
RYB	170, 185, 253
Decimal	11189757
CIELab	77.30, 8.10, -33.70
CIElCh	77, 34.656, 283.513
Yxy	52.0331, 0.2564, 0.2541
Android (android.graphics.Color)	4289379837 (0xFFAABDFD)
YUV	190.6150, 30.7558, -18.0794
Hunter-Lab	72.1340, 3.6902, -31.8952

Details

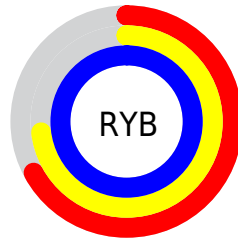
The Yxy color **52.0331, 0.2564, 0.2541** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.6376, 0.3681, 0.3940**, and the grayscale version is **51.6974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8557, 0.2956, 0.3189**, and **25.2387, 0.2419, 0.2363** is the 20% darker color. If you saturate the color by 10%, you get **41.6469, 0.2372, 0.2264**, and if you desaturate by 10%, it is **64.0945, 0.2750, 0.2798**.

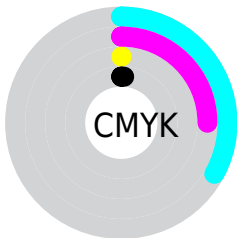
Distribution



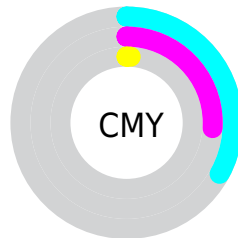
- Red (67%)
- Green (74%)
- Blue (99%)



- Red (67%)
- Yellow (73%)
- Blue (99%)



- Cyan (33%)
- Magenta (25%)
- Yellow (0%)
- Black (1%)



- Cyan (33%)
- Magenta (26%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0331, 0.2564, 0.2541 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 52.0331, 0.2564, 0.2541 by changing the saturation by 10% instead.

■ 52.0331, 0.2564,
0.2541

■ 52.0331, 0.2564,
0.2541

■ 394.5644, 0.2836,
0.2894

■ 37.0315, 0.2500,
0.2460

■ 93.1801, 0.2660,
0.2664

■ 25.2318, 0.2420,
0.2360

■ 120.0942, 0.2697,
0.2712

■ 16.2499, 0.2317,
0.2233

■ 151.7479, 0.2729,
0.2753

■ 9.7011, 0.2182,
0.2069

■ 188.5256, 0.2756,
0.2788

■ 5.2013, 0.1996,
0.1849

■ 230.8117, 0.2780,
0.2820

■ 2.3658, 0.1732,
0.1545

■ 278.9906, 0.2801,

■ 0.8082, 0.1338,

0.2847

0.1112

333.4467, 0.2819,
0.2872

0.0000, 0.0000,
0.0000

52.0331, 0.2564,
0.2541

52.0331, 0.2564,
0.2541

41.6469, 0.2372,
0.2264

64.0945, 0.2750,
0.2798

32.8538, 0.2180,
0.1973

77.8960, 0.2924,
0.3030

25.5737, 0.1997,
0.1679

93.5064, 0.3084,
0.3236

19.7168, 0.1834,
0.1399

99.8744, 0.3138,
0.3309

15.1828, 0.1702,
0.1147

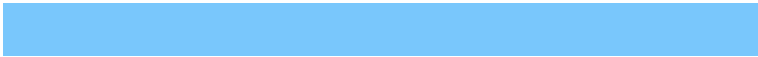
■ 11.8563, 0.1607,
0.0938

■ 10.1197, 0.1562,
0.0821

Harmonies

Analogous

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



52.0331, 0.2325, 0.2635



52.0331, 0.2564, 0.2541



52.0331, 0.2963, 0.2623

Triad

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



52.0331, 0.2564, 0.2541



52.0331, 0.4053, 0.3555



52.0331, 0.2785, 0.3795

Complementary

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



52.0331, 0.2564, 0.2541



82.6376, 0.3681, 0.3940

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.



52.0331, 0.3235, 0.4090



52.0331, 0.2564, 0.2541



52.0331, 0.3983, 0.3897

Square

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



52.0331, 0.2564, 0.2541



52.0331, 0.3850, 0.3182



52.0331, 0.3677, 0.4112



52.0331, 0.2443, 0.3341

Rectangle

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



52.0331, 0.2564, 0.2541



52.0331, 0.3280, 0.2761



52.0331, 0.3677, 0.4112



52.0331, 0.2928, 0.3920

Sweetspot

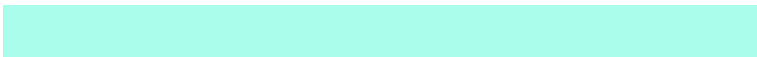
The Sweet Spot groups the original color and five complimentary colors.



52.0351, 0.2564, 0.2541



83.5743, 0.2971, 0.3091



84.7390, 0.2752, 0.3506



17.4265, 0.2948, 0.3061



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.



52.0351, 0.2564, 0.2541



46.2202, 0.2445, 0.2371



47.0543, 0.2692, 0.2351



18.0530, 0.2979, 0.3101



5.5614, 0.1568, 0.0845



0.6981, 0.1624, 0.1046

Inverse Universe

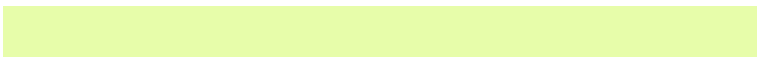
The Inverse Universe completely reimagines the original color for something new.



53.3022, 0.3716, 0.3091



48.1143, 0.3878, 0.3053



90.1470, 0.3472, 0.4156



18.0553, 0.3258, 0.3236



11.2894, 0.5999, 0.3078



1.1150, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 52.0331, 0.2564, 0.2541 looks on a white background.

Color Contrast Check

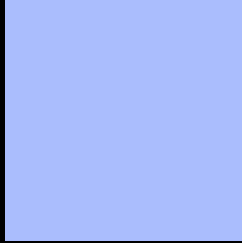
Large Text (above 18pt) WCAG AA × Fail

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 52.0331, 0.2564, 0.2541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

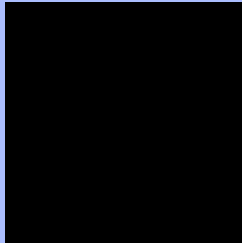
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0331, 0.2564, 0.2541

Background



This preview shows how black text looks on a background with the Yxy color 52.0331, 0.2564, 0.2541.



This preview shows how white text looks on a background with the Yxy color 52.0331, 0.2564, 0.2541.

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

52.0331, 0.2564, 0.2541

Protanopia

51.8790, 0.2588, 0.2543

Deuteranopia

52.1722, 0.2595, 0.2536



Tritanopia

52.2630, 0.2759, 0.3097

Trichromacy



Original Color

52.0331, 0.2564, 0.2541

Protanomaly

51.7654, 0.2581, 0.2542

Deuteranomaly

51.9425, 0.2582, 0.2533

Tritanomaly

52.0221, 0.2683, 0.2880

Monochromacy



Original Color

52.0331, 0.2564, 0.2541

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.7492, 0.2898, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0331, 0.2564, 0.2541 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(170, 189, 253)` looks like.

```
.text, #text, p{  
    color:rgb(170, 189, 253)  
}
```

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(170, 189, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 189, 253) }
```

Border

The CSS property to change the border of an element to Yxy 52.0331, 0.2564, 0.2541 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(170, 189, 253) }
```

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

```
.border{ border-color:rgb(170, 189, 253) }
```

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

Here you see how a box with a 4 pixel rgb(170, 189, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 189, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 189, 253);  
box-shadow:4px 4px 4px 4px rgb(170, 189,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0331, 0.2564, 0.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 189, 253) }
```

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

```
.background{ background-color: rgb(170,  
189, 253) }
```

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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