

Converting Colors

$Y_{xy}(52.7396, 0.2580, 0.2598)$

Have a look what the booklet for
Yxy(52.7396, 0.2580, 0.2598)
contains.

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Color

Yxy(52.5987, 0.2578, 0.2595)

Conversions

Conversions Part 1

Format	Color
Hex	A9BFFA
RGB	169, 191, 250
RGB Percent	66%, 75%, 98%
CMY	0.3371, 0.2510, 0.0196
CMYK	0.32, 0.24, 0.00, 0.02
HSL	224°, 89%, 82%
HSV	224°, 32%, 98%
XYZ	52.2541, 52.5987, 97.8397
YIQ	191.1480, -32.0510, 13.6850

Conversions

Conversions Part 2

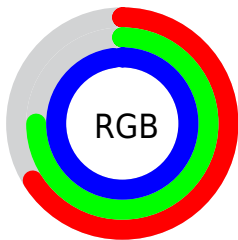
Format	Color
R _Y B	169, 186, 250
Decimal	11124730
CIE Lab	77.64, 5.99, -31.55
CIE LCh	78, 32.116, 280.757
Yxy	52.5987, 0.2578, 0.2595
Android (android.graphics.Color)	4289314810 (0xFFA9BFFA)
YUV	191.1480, 29.0140, -19.4238
Hunter-Lab	72.5250, 1.6903, -29.2176

Details

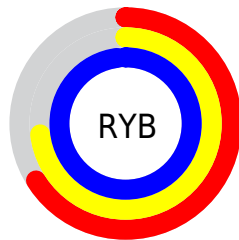
The Yxy color **52.5987, 0.2578, 0.2595** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.7027, 0.3683, 0.3899**, and the grayscale version is **52.0379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9103, 0.2951, 0.3209**, and **25.6046, 0.2436, 0.2432** is the 20% darker color. If you saturate the color by 10%, you get **42.6353, 0.2390, 0.2334**, and if you desaturate by 10%, it is **64.0835, 0.2760, 0.2836**.

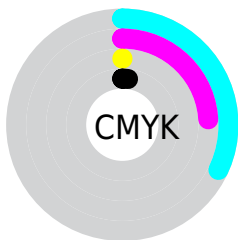
Distribution



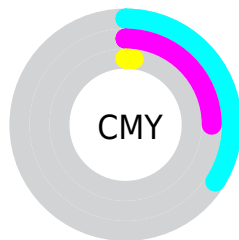
- Red (66%)
- Green (75%)
- Blue (98%)



- Red (66%)
- Yellow (73%)
- Blue (98%)



- Cyan (32%)
- Magenta (24%)
- Yellow (0%)
- Black (2%)



- Cyan (34%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5987, 0.2578, 0.2595 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 52.5987, 0.2578, 0.2595 by changing the saturation by 10% instead.

■ 52.5987, 0.2578,
0.2595

■ 52.5987, 0.2578,
0.2595

■ 396.7436, 0.2843,
0.2924

■ 37.4825, 0.2516,
0.2519

■ 94.0136, 0.2672,
0.2710

■ 25.5813, 0.2438,
0.2425

■ 121.0811, 0.2707,
0.2755

■ 16.5107, 0.2338,
0.2305

■ 152.9011, 0.2738,
0.2793

■ 9.8862, 0.2206,
0.2149

■ 189.8582, 0.2765,
0.2826

■ 5.3236, 0.2025,
0.1939

■ 232.3365, 0.2788,
0.2855

■ 2.4383, 0.1765,
0.1644

■ 280.7206, 0.2808,

■ 0.8455, 0.1375,

0.2881

0.1217

335.3948, 0.2827,
0.2903

0.0000, 0.0000,
0.0000

52.5987, 0.2578,
0.2595

52.5987, 0.2578,
0.2595

42.6353, 0.2390,
0.2334

64.0835, 0.2760,
0.2836

34.1209, 0.2203,
0.2059

77.1456, 0.2932,
0.3054

26.9857, 0.2025,
0.1778

91.8457, 0.3091,
0.3247

21.1517, 0.1865,
0.1505

99.6821, 0.3156,
0.3338

16.5316, 0.1733,
0.1254

■ 13.0257, 0.1636,
0.1039

■ 11.0110, 0.1584,
0.0903

Harmonies

Analogous

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



52.5987, 0.2370, 0.2701



52.5987, 0.2578, 0.2595



52.5987, 0.2938, 0.2656

Triad

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



52.5987, 0.2578, 0.2595



52.5987, 0.3975, 0.3508



52.5987, 0.2848, 0.3787

Complementary

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



52.5987, 0.2578, 0.2595



78.7027, 0.3683, 0.3899

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.



52.5987, 0.3270, 0.4037



52.5987, 0.2578, 0.2595



52.5987, 0.3935, 0.3831

Square

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



52.5987, 0.2578, 0.2595



52.5987, 0.3766, 0.3161



52.5987, 0.3670, 0.4039



52.5987, 0.2516, 0.3379

Rectangle

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



52.5987, 0.2578, 0.2595



52.5987, 0.3229, 0.2777



52.5987, 0.3670, 0.4039



52.5987, 0.2984, 0.3895

Sweetspot

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



52.6007, 0.2578, 0.2595



84.1903, 0.2971, 0.3102



82.3600, 0.2777, 0.3550



17.5746, 0.2948, 0.3073



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.



52.6007, 0.2578, 0.2595



47.9111, 0.2453, 0.2423



45.8057, 0.2670, 0.2359



17.4087, 0.2979, 0.3112



6.0435, 0.1592, 0.0930



0.7275, 0.1654, 0.1155

Inverse Universe

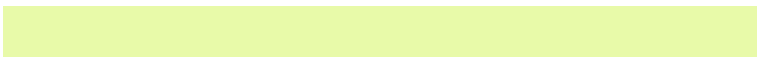
The Inverse Universe completely reimagines the original color for something new.



52.4766, 0.3673, 0.3058



48.2850, 0.3836, 0.3009



88.4697, 0.3495, 0.4135



17.3025, 0.3251, 0.3226



11.0210, 0.5865, 0.3005



1.0377, 0.5530, 0.2820

Previews

White Background



This preview shows how the Yxy color 52.5987, 0.2578, 0.2595 looks on a white background.

Color Contrast Check

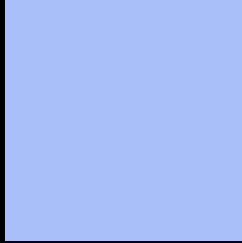
Large Text (above 18pt) WCAG AA × Fail

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 52.5987, 0.2578, 0.2595 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 52.5987, 0.2578, 0.2595

Background



This preview shows how black text looks on a background with the Yxy color 52.5987, 0.2578, 0.2595.



This preview shows how white text looks on a background with the Yxy color 52.5987, 0.2578, 0.2595.

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

52.5987, 0.2578, 0.2595

Protanopia

52.4649, 0.2626, 0.2589

Deuteranopia

52.3965, 0.2626, 0.2560



Tritanopia

52.7693, 0.2754, 0.3098

Trichromacy



Original Color

52.5987, 0.2578, 0.2595

Protanomaly

52.5507, 0.2608, 0.2598

Deuteranomaly

52.4742, 0.2608, 0.2568

Tritanomaly

52.4137, 0.2690, 0.2904

Monochromacy



Original Color

52.5987, 0.2578, 0.2595

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.0823, 0.2912, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5987, 0.2578, 0.2595 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, 191, 250)` looks like.

```
.text, #text, p{  
    color:rgb(169, 191, 250)  
}
```

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, 191, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 191, 250) }
```

Border

The CSS property to change the border of an element to Yxy 52.5987, 0.2578, 0.2595 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, 191, 250) }
```

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

```
.border{ border-color:rgb(169, 191, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 191, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 191, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 191, 250);  
box-shadow:4px 4px 4px 4px rgb(169, 191,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5987, 0.2578, 0.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 191, 250) }
```

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

```
.background{ background-color: rgb(169,  
191, 250) }
```

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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