

Converting Colors

$Yxy(55.9227, 0.2478, 0.2384)$

Have a look what the booklet for
Yxy(55.9227, 0.2478, 0.2384)
contains.

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Color

Yxy(54.3586, 0.2585, 0.2574)

Conversions

Conversions Part 1

Format	Color
Hex	AEC1FF
RGB	174, 193, 255
RGB Percent	68%, 76%, 100%
CMY	0.3173, 0.2432, 0.0000
CMYK	0.32, 0.24, 0.00, 0.00
HSL	226°, 100%, 84%
HSV	226°, 32%, 100%
XYZ	54.5909, 54.3586, 102.2339
YIQ	194.3870, -31.2260, 15.2540

Conversions

Conversions Part 2

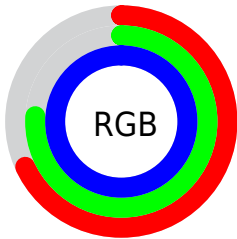
Format	Color
RYB	174, 189, 255
Decimal	11452927
CIELab	78.67, 7.56, -32.62
CIELCh	79, 33.483, 283.047
Yxy	54.3586, 0.2585, 0.2574
Android (android.graphics.Color)	4289643007 (0xFFAEC1FF)
YUV	194.3870, 29.8822, -17.8794
Hunter-Lab	73.7283, 3.1429, -30.6035

Details

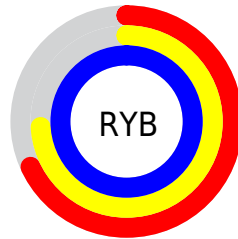
The Yxy color $54.3586, 0.2585, 0.2574$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $84.3714, 0.3662, 0.3915$, and the grayscale version is $54.0316, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9603, 0.2981, 0.3230$, and $26.7553, 0.2447, 0.2408$ is the 20% darker color. If you saturate the color by 10%, you get $43.6249, 0.2394, 0.2300$, and if you desaturate by 10%, it is $66.7928, 0.2769, 0.2827$.

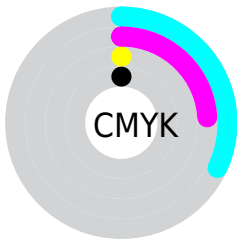
Distribution



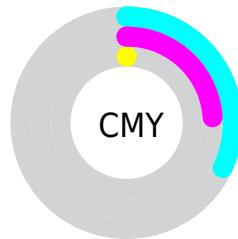
- Red (68%)
- Green (76%)
- Blue (100%)



- Red (68%)
- Yellow (74%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3586, 0.2585, 0.2574 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 54.3586, 0.2585, 0.2574 by changing the saturation by 10% instead.

■ 54.3586, 0.2585,
0.2574

■ 54.3586, 0.2585,
0.2574

403.4760, 0.2845,
0.2910

■ 38.8884, 0.2524,
0.2497

■ 96.6006, 0.2677,
0.2691

■ 26.6729, 0.2448,
0.2402

124.1412, 0.2712,
0.2736

■ 17.3277, 0.2351,
0.2283

156.4740, 0.2742,
0.2775

■ 10.4684, 0.2223,
0.2127

193.9835, 0.2768,
0.2809

■ 5.7106, 0.2049,
0.1920

237.0541, 0.2791,
0.2839

■ 2.6699, 0.1800,
0.1633

286.0701, 0.2811,

■ 0.9620, 0.1429,

0.2865

0.1223

341.4159, 0.2829,
0.2889

0.0000, 0.0166,
0.0000

0.0000, 0.0000,
0.0000

54.3586, 0.2585,
0.2574

54.3586, 0.2585,
0.2574

43.6249, 0.2394,
0.2300

66.7928, 0.2769,
0.2827

34.5119, 0.2201,
0.2012

80.9949, 0.2942,
0.3055

26.9390, 0.2018,
0.1719

97.0329, 0.3101,
0.3257

20.8165, 0.1853,
0.1437

100.0000, 0.3127,
0.3290

■ 16.0445, 0.1717,
0.1181

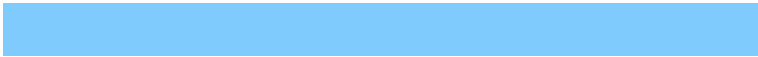
■ 12.5090, 0.1618,
0.0967

■ 10.4042, 0.1564,
0.0828

Harmonies

Analogous

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



54.3586, 0.2358, 0.2668



54.3586, 0.2585, 0.2574



54.3586, 0.2965, 0.2649

Triad

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



54.3586, 0.2585, 0.2574



54.3586, 0.4008, 0.3541



54.3586, 0.2808, 0.3775

Complementary

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



54.3586, 0.2585, 0.2574



84.3714, 0.3662, 0.3915

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.



54.3586, 0.3239, 0.4051



54.3586, 0.2585, 0.2574



54.3586, 0.3946, 0.3867

Square

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



54.3586, 0.2585, 0.2574



54.3586, 0.3811, 0.3183



54.3586, 0.3658, 0.4071



54.3586, 0.2478, 0.3347

Rectangle

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



54.3586, 0.2585, 0.2574



54.3586, 0.3266, 0.2781



54.3586, 0.3658, 0.4071



54.3586, 0.2946, 0.3892

Sweetspot

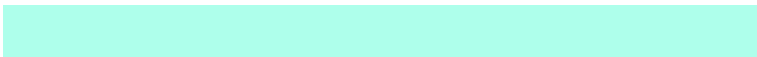
The Sweet Spot groups the original color and five complimentary colors.



54.3598, 0.2585, 0.2574



83.6376, 0.2971, 0.3092



86.5136, 0.2770, 0.3513



17.4417, 0.2948, 0.3062



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.



54.3598, 0.2585, 0.2574



47.4360, 0.2466, 0.2405



49.0365, 0.2699, 0.2384



18.0660, 0.2979, 0.3102



5.6234, 0.1570, 0.0853



0.7058, 0.1627, 0.1056

Inverse Universe

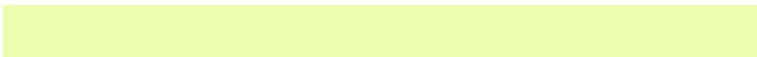
The Inverse Universe completely reimagines the original color for something new.



55.4149, 0.3686, 0.3094



49.0728, 0.3847, 0.3055



92.2027, 0.3470, 0.4124



18.0566, 0.3257, 0.3235



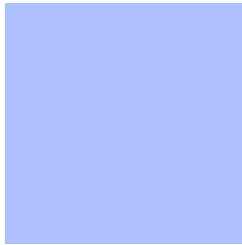
11.2956, 0.5986, 0.3071



1.1158, 0.5676, 0.2900

Previews

White Background



This preview shows how the Yxy color 54.3586, 0.2585, 0.2574 looks on a white background.

Color Contrast Check

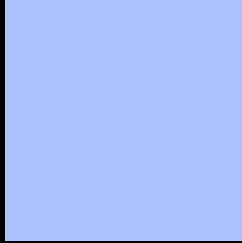
Large Text (above 18pt) WCAG AA × Fail

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 54.3586, 0.2585, 0.2574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

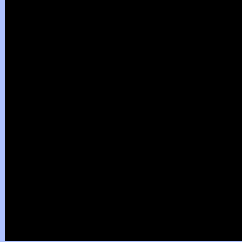
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3586, 0.2585, 0.2574

Background



This preview shows how black text looks on a background with the Yxy color 54.3586, 0.2585, 0.2574.



This preview shows how white text looks on a background with the Yxy color 54.3586, 0.2585, 0.2574.

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

54.3586, 0.2585, 0.2574

Protanopia

54.3200, 0.2614, 0.2577

Deuteranopia

54.1849, 0.2620, 0.2558



Tritanopia

54.3734, 0.2771, 0.3089

Trichromacy



Original Color

54.3586, 0.2585, 0.2574

Protanomaly

54.2021, 0.2608, 0.2576

Deuteranomaly

54.3843, 0.2609, 0.2567

Tritanomaly

54.0807, 0.2702, 0.2887

Monochromacy



Original Color

54.3586, 0.2585, 0.2574

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.1062, 0.2916, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3586, 0.2585, 0.2574 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(174, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 193, 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(174, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.3586, 0.2585, 0.2574 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(174, 193, 255) }
```

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

```
.border{ border-color:rgb(174, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3586, 0.2585, 0.2574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 193, 255) }
```

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

```
.background{ background-color: rgb(174,  
193, 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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