

Converting Colors

$Yxy(55.2915, 0.2543, 0.2488)$

Have a look what the booklet for
Yxy(55.2915, 0.2543, 0.2488)
contains.

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Color

Yxy(54.4739, 0.2591, 0.2576)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AFC1FF |
| RGB | 175, 193, 255 |
| RGB Percent | 69%, 76%, 100% |
| CMY | 0.3138, 0.2431, 0.0001 |
| CMYK | 0.31, 0.24, 0.00, 0.00 |
| HSL | 226°, 100%, 84% |
| HSV | 226°, 31%, 100% |
| XYZ | 54.7911, 54.4739, 102.2020 |
| YIQ | 194.6860, -30.6300, 15.4660 |

Conversions

Conversions Part 2

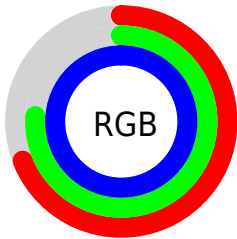
| Format | Color |
|-------------------------------------|---|
| RYB | 175, 190, 255 |
| Decimal | 11518463 |
| CIELab | 78.74, 7.78, -32.48 |
| CIELCh | 79, 33.401, 283.466 |
| Yxy | 54.4739, 0.2591, 0.2576 |
| Android (android.graphics.Color) | 4289708543 (0xFFAFC1FF) |
| YUV | 194.6860, 29.7348, -17.2646 |
| Hunter-Lab | 73.8064, 3.3504, -30.4361 |

Details

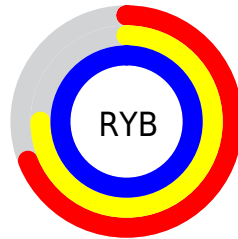
The Yxy color $54.4739, 0.2591, 0.2576$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $84.8773, 0.3653, 0.3914$, and the grayscale version is $54.2096, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.1272, 0.2987, 0.3230$, and $26.8265, 0.2454, 0.2410$ is the 20% darker color. If you saturate the color by 10%, you get $43.6423, 0.2399, 0.2300$, and if you desaturate by 10%, it is $67.0326, 0.2776, 0.2831$.

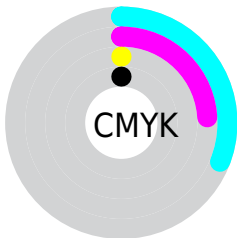
Distribution



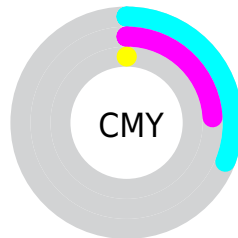
- Red (69%)
- Green (76%)
- Blue (100%)



- Red (69%)
- Yellow (75%)
- Blue (100%)



- Cyan (31%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4739, 0.2591, 0.2576 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 54.4739, 0.2591, 0.2576 by changing the saturation by 10% instead.

■ 54.4739, 0.2591,
0.2576

■ 54.4739, 0.2591,
0.2576

403.9146, 0.2848,
0.2911

■ 38.9807, 0.2531,
0.2499

■ 96.7697, 0.2682,
0.2692

■ 26.7447, 0.2455,
0.2405

124.3411, 0.2717,
0.2738

■ 17.3816, 0.2359,
0.2286

156.7073, 0.2746,
0.2777

■ 10.5069, 0.2233,
0.2131

194.2527, 0.2772,
0.2810

■ 5.7363, 0.2060,
0.1925

237.3617, 0.2795,
0.2840

■ 2.6854, 0.1813,
0.1639

286.4188, 0.2815,

■ 0.9698, 0.1445,

0.2866

0.1231

341.8083, 0.2833,
0.2890

0.0000, 0.0211,
0.0000

0.0000, 0.0000,
0.0000

54.4739, 0.2591,
0.2576

54.4739, 0.2591,
0.2576

43.6423, 0.2399,
0.2300

67.0326, 0.2776,
0.2831

34.4542, 0.2206,
0.2009

81.3844, 0.2948,
0.3060

26.8281, 0.2020,
0.1714

97.5993, 0.3107,
0.3264

20.6731, 0.1854,
0.1429

99.9976, 0.3127,
0.3290

■ 15.8876, 0.1716,
0.1172

■ 12.3558, 0.1616,
0.0957

■ 10.1911, 0.1560,
0.0814

Harmonies

Analogous

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



54.4739, 0.2363, 0.2668



54.4739, 0.2591, 0.2576



54.4739, 0.2972, 0.2653

Triad

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



54.4739, 0.2591, 0.2576



54.4739, 0.4006, 0.3545



54.4739, 0.2804, 0.3769

Complementary

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



54.4739, 0.2591, 0.2576



84.8773, 0.3653, 0.3914

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.



54.4739, 0.3233, 0.4046



54.4739, 0.2591, 0.2576



54.4739, 0.3941, 0.3870

Square

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



54.4739, 0.2591, 0.2576



54.4739, 0.3813, 0.3188



54.4739, 0.3651, 0.4070



54.4739, 0.2476, 0.3341

Rectangle

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



54.4739, 0.2591, 0.2576



54.4739, 0.3272, 0.2785



54.4739, 0.3651, 0.4070



54.4739, 0.2940, 0.3886

Sweetspot

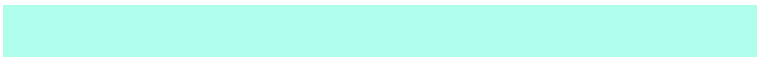
The Sweet Spot groups the original color and five complimentary colors.



54.4760, 0.2591, 0.2576



85.0821, 0.2987, 0.3111



86.6821, 0.2767, 0.3495



17.7257, 0.2963, 0.3080



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.



54.4760, 0.2591, 0.2576



47.1192, 0.2464, 0.2395



49.6494, 0.2715, 0.2398



18.0418, 0.2979, 0.3100



5.5086, 0.1566, 0.0838



0.6915, 0.1622, 0.1038

Inverse Universe

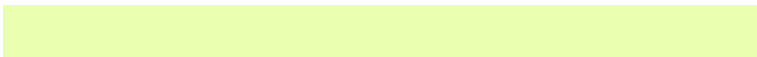
The Inverse Universe completely reimagines the original color for something new.



55.7579, 0.3683, 0.3103



49.0409, 0.3854, 0.3063



92.0215, 0.3458, 0.4116



18.0541, 0.3259, 0.3237



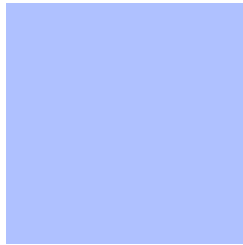
11.2841, 0.6010, 0.3084



1.1143, 0.5702, 0.2915

Previews

White Background



This preview shows how the Yxy color 54.4739, 0.2591, 0.2576 looks on a white background.

Color Contrast Check

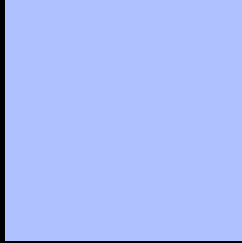
Large Text (above 18pt) WCAG AA × Fail

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 54.4739, 0.2591, 0.2576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

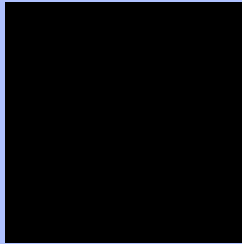
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4739, 0.2591, 0.2576

Background



This preview shows how black text looks on a background with the Yxy color 54.4739, 0.2591, 0.2576.



This preview shows how white text looks on a background with the Yxy color 54.4739, 0.2591, 0.2576.

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

54.4739, 0.2591, 0.2576

Protanopia

54.3200, 0.2614, 0.2577

Deuteranopia

54.3054, 0.2627, 0.2559



Tritanopia

54.4819, 0.2777, 0.3089

Trichromacy



Original Color

54.4739, 0.2591, 0.2576

Protanomaly

54.2021, 0.2608, 0.2576

Deuteranomaly

54.5030, 0.2615, 0.2569

Tritanomaly

54.1917, 0.2708, 0.2888

Monochromacy



Original Color

54.4739, 0.2591, 0.2576

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.2847, 0.2917, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4739, 0.2591, 0.2576 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(175, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 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(175, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.4739, 0.2591, 0.2576 is called "border". The border property can be set on classes, ids or directly on the HTML element.

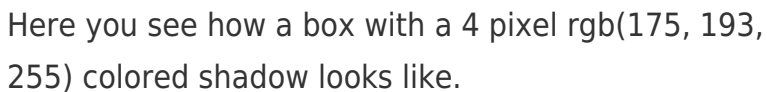
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 193, 255) }
```

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

```
.border{ border-color:rgb(175, 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(175, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 193, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 193, 255); box-shadow:4px 4px 4px 4px rgb(175, 193, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4739, 0.2591, 0.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 193, 255) }
```

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

```
.background{ background-color: rgb(175,  
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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