

Converting Colors

$Yxy(54.9175, 0.2592, 0.2587)$

Have a look what the booklet for
Yxy(54.9175, 0.2592, 0.2587)
contains.

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Color

Yxy(54.9175, 0.2592, 0.2587)

Conversions

Conversions Part 1

Format	Color
Hex	AFC2FF
RGB	175, 194, 255
RGB Percent	69%, 76%, 100%
CMY	0.3138, 0.2392, 0.0000
CMYK	0.31, 0.24, 0.00, 0.00
HSL	226°, 100%, 84%
HSV	226°, 31%, 100%
XYZ	55.0236, 54.9175, 102.3414
YIQ	195.2730, -30.9050, 14.9430

Conversions

Conversions Part 2

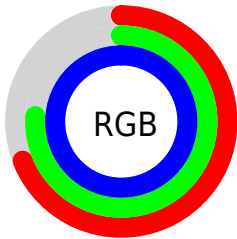
Format	Color
RYB	175, 190, 255
Decimal	11518719
CIELab	78.99, 7.26, -32.13
CIELCh	79, 32.940, 282.733
Yxy	54.9175, 0.2592, 0.2587
Android (android.graphics.Color)	4289708799 (0xFFAFC2FF)
YUV	195.2730, 29.4454, -17.7794
Hunter-Lab	74.1063, 2.8494, -30.0055

Details

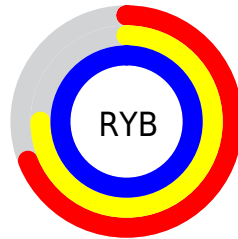
The Yxy color $54.9175, 0.2592, 0.2587$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $84.3382, 0.3656, 0.3905$, and the grayscale version is $54.5773, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.7470, 0.2987, 0.3240$, and $27.1200, 0.2457, 0.2426$ is the 20% darker color. If you saturate the color by 10%, you get $44.1450, 0.2401, 0.2316$, and if you desaturate by 10%, it is $67.3781, 0.2776, 0.2838$.

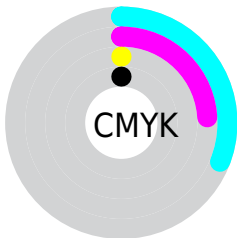
Distribution



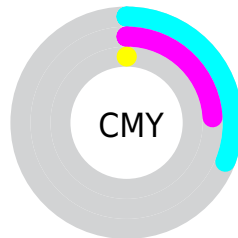
- Red (69%)
- Green (76%)
- Blue (100%)



- 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 54.9175, 0.2592, 0.2587 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 54.9175, 0.2592, 0.2587 by changing the saturation by 10% instead.

■ 54.9175, 0.2592,
0.2587

■ 54.9175, 0.2592,
0.2587

405.5991, 0.2848,
0.2916

■ 39.3357, 0.2532,
0.2512

■ 97.4201, 0.2682,
0.2702

■ 27.0210, 0.2457,
0.2418

125.1096, 0.2717,
0.2746

■ 17.5890, 0.2362,
0.2301

157.6038, 0.2747,
0.2784

■ 10.6553, 0.2236,
0.2149

195.2871, 0.2773,
0.2818

■ 5.8356, 0.2064,
0.1945

238.5439, 0.2795,
0.2847

■ 2.7453, 0.1820,
0.1663

287.7586, 0.2815,

■ 1.0003, 0.1454,

0.2873

0.1258

343.3155, 0.2833,
0.2896

0.0000, 0.0262,
0.0000

0.0000, 0.0000,
0.0000

54.9175, 0.2592,
0.2587

54.9175, 0.2592,
0.2587

44.1450, 0.2401,
0.2316

67.3781, 0.2776,
0.2838

34.9871, 0.2210,
0.2029

81.5984, 0.2948,
0.3064

27.3623, 0.2026,
0.1738

97.6441, 0.3106,
0.3264

21.1821, 0.1860,
0.1456

100.0000, 0.3127,
0.3290

■ 16.3483, 0.1723,
0.1199

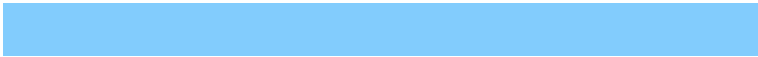
■ 12.7485, 0.1623,
0.0982

■ 10.5144, 0.1566,
0.0836

Harmonies

Analogous

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



54.9175, 0.2371, 0.2682



54.9175, 0.2592, 0.2587



54.9175, 0.2964, 0.2659

Triad

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



54.9175, 0.2592, 0.2587



54.9175, 0.3989, 0.3533



54.9175, 0.2819, 0.3769

Complementary

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



54.9175, 0.2592, 0.2587



84.3382, 0.3656, 0.3905

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.



54.9175, 0.3242, 0.4037



54.9175, 0.2592, 0.2587



54.9175, 0.3932, 0.3854

Square

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



54.9175, 0.2592, 0.2587



54.9175, 0.3794, 0.3182



54.9175, 0.3652, 0.4055



54.9175, 0.2493, 0.3351

Rectangle

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



54.9175, 0.2592, 0.2587



54.9175, 0.3259, 0.2787



54.9175, 0.3652, 0.4055



54.9175, 0.2954, 0.3883

Sweetspot

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



54.9170, 0.2592, 0.2587



85.2446, 0.2987, 0.3114



86.6307, 0.2773, 0.3511



17.7655, 0.2963, 0.3083



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.



54.9170, 0.2592, 0.2587



47.5983, 0.2466, 0.2409



49.4766, 0.2705, 0.2395



18.0783, 0.2979, 0.3103



5.6836, 0.1572, 0.0860



0.7132, 0.1629, 0.1065

Inverse Universe

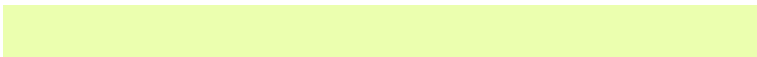
The Inverse Universe completely reimagines the original color for something new.



55.8107, 0.3675, 0.3093



49.0892, 0.3843, 0.3050



92.2764, 0.3467, 0.4114



18.0578, 0.3257, 0.3234



11.3017, 0.5974, 0.3064



1.1165, 0.5662, 0.2893

Previews

White Background



This preview shows how the Yxy color 54.9175, 0.2592, 0.2587 looks on a white background.

Color Contrast Check

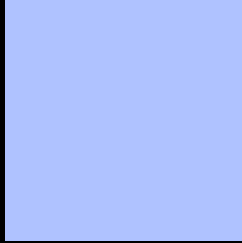
Large Text (above 18pt) WCAG AA × Fail

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 54.9175, 0.2592, 0.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

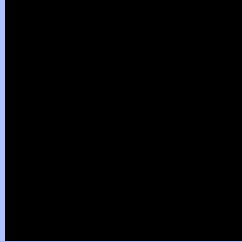
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9175, 0.2592, 0.2587

Background



This preview shows how black text looks on a background with the Yxy color 54.9175, 0.2592, 0.2587.



This preview shows how white text looks on a background with the Yxy color 54.9175, 0.2592, 0.2587.

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

54.9175, 0.2592, 0.2587

Protanopia

54.8794, 0.2622, 0.2590

Deuteranopia

54.8644, 0.2634, 0.2572



Tritanopia

54.9985, 0.2772, 0.3090

Trichromacy



Original Color

54.9175, 0.2592, 0.2587

Protanomaly

54.7607, 0.2616, 0.2589

Deuteranomaly

54.9436, 0.2616, 0.2580

Tritanomaly

54.7037, 0.2704, 0.2889

Monochromacy



Original Color

54.9175, 0.2592, 0.2587

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.7313, 0.2917, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9175, 0.2592, 0.2587 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, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 194, 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, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.9175, 0.2592, 0.2587 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, 194, 255) }
```

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

```
.border{ border-color:rgb(175, 194, 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, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9175, 0.2592, 0.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 194, 255) }
```

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

```
.background{ background-color: rgb(175,  
194, 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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