

Converting Colors

$Yxy(54.2594, 0.2818, 0.2717)$

Have a look what the booklet for
Yxy(54.2594, 0.2818, 0.2717)
contains.

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Color

Yxy(54.2293, 0.2819, 0.2716)

Conversions

Conversions Part 1

Format	Color
Hex	C3BDEF
RGB	195, 189, 239
RGB Percent	76%, 74%, 94%
CMY	0.2352, 0.2588, 0.0628
CMYK	0.18, 0.21, 0.00, 0.06
HSL	247°, 61%, 84%
HSV	247°, 21%, 94%
XYZ	56.2859, 54.2293, 89.1509
YIQ	196.4940, -12.4740, 16.8220

Conversions

Conversions Part 2

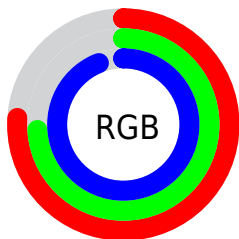
Format	Color
R _Y B	195, 189, 239
Decimal	12828143
CIE Lab	78.60, 12.14, -24.01
CIE LCh	79, 26.905, 296.823
Yxy	54.2293, 0.2819, 0.2716
Android (android.graphics.Color)	4291018223 (0xFFC3BDEF)
YUV	196.4940, 20.9555, -1.3102
Hunter-Lab	73.6405, 7.5624, -20.2294

Details

The Yxy color **54.2293, 0.2819, 0.2716** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.7164, 0.3400, 0.3819**, and the grayscale version is **55.3941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2203, 0.3112, 0.3194**, and **26.6899, 0.2738, 0.2579** is the 20% darker color. If you saturate the color by 10%, you get **42.1773, 0.2642, 0.2396**, and if you desaturate by 10%, it is **68.3738, 0.2977, 0.3008**.

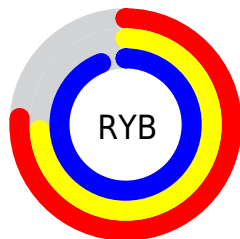
Distribution



Red (76%)

Green (74%)

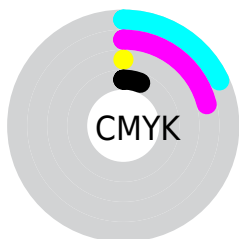
Blue (94%)



Red (76%)

Yellow (74%)

Blue (94%)

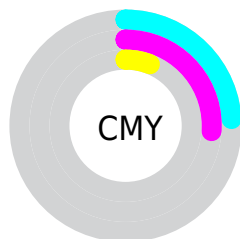


Cyan (18%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (24%)

Magenta (26%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2293, 0.2819, 0.2716 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 54.2293, 0.2819, 0.2716 by changing the saturation by 10% instead.

■ 54.2293, 0.2819,
0.2716

■ 54.2293, 0.2819,
0.2716

402.9838, 0.2970,
0.2986

■ 38.7850, 0.2783,
0.2654

■ 96.4108, 0.2873,
0.2810

■ 26.5925, 0.2736,
0.2576

123.9169, 0.2894,
0.2847

■ 17.2674, 0.2677,
0.2478

156.2123, 0.2911,
0.2878

■ 10.4253, 0.2596,
0.2349

193.6815, 0.2926,
0.2905

■ 5.6819, 0.2482,
0.2173

236.7088, 0.2939,
0.2929

■ 2.6526, 0.2309,
0.1921

285.6787, 0.2951,

■ 0.9532, 0.2025,

0.2950

0.1539

340.9756, 0.2961,
0.2969

0.0000, 0.0841,
0.0000

0.0000, 0.0000,
0.0000

54.2293, 0.2819,
0.2716

54.2293, 0.2819,
0.2716

42.1773, 0.2642,
0.2396

68.3738, 0.2977,
0.3008

32.1118, 0.2450,
0.2056

84.6969, 0.3115,
0.3268

23.9278, 0.2249,
0.1709

99.0112, 0.3220,
0.3444

17.5076, 0.2049,
0.1376

■ 12.7204, 0.1866,
0.1082

■ 9.4169, 0.1713,
0.0849

■ 7.4199, 0.1600,
0.0696

■ 6.4896, 0.1537,
0.0620

Harmonies

Analogous

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



54.2293, 0.2568, 0.2732



54.2293, 0.2819, 0.2716



54.2293, 0.3166, 0.2835

Triad

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



54.2293, 0.2819, 0.2716



54.2293, 0.3838, 0.3631



54.2293, 0.2734, 0.3529

Complementary

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



54.2293, 0.2819, 0.2716



82.7164, 0.3400, 0.3819

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.



54.2293, 0.3058, 0.3815



54.2293, 0.2819, 0.2716



54.2293, 0.3702, 0.3853

Square

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



54.2293, 0.2819, 0.2716



54.2293, 0.3772, 0.3342



54.2293, 0.3413, 0.3932



54.2293, 0.2521, 0.3182

Rectangle

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



54.2293, 0.2819, 0.2716



54.2293, 0.3408, 0.2974



54.2293, 0.3413, 0.3932



54.2293, 0.2833, 0.3637

Sweetspot

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



54.2315, 0.2819, 0.2716



88.1604, 0.3047, 0.3139



75.4155, 0.2811, 0.3224



18.6062, 0.3038, 0.3122



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.



54.2315, 0.2819, 0.2716



56.7239, 0.2747, 0.2586



57.8144, 0.3004, 0.2746



15.3200, 0.2998, 0.3047



3.6160, 0.1544, 0.0624



0.3301, 0.1632, 0.0673

Inverse Universe

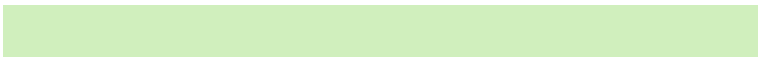
The Inverse Universe completely reimagines the original color for something new.



60.6243, 0.3197, 0.2829



65.3656, 0.3212, 0.2736



78.8326, 0.3228, 0.3849



15.9967, 0.3156, 0.3085



12.7308, 0.3538, 0.1723



1.0682, 0.3489, 0.1696

Previews

White Background



This preview shows how the Yxy color 54.2293, 0.2819, 0.2716 looks on a white background.

Color Contrast Check

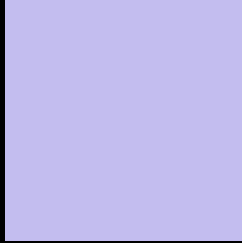
Large Text (above 18pt) WCAG AA × Fail

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 54.2293, 0.2819, 0.2716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

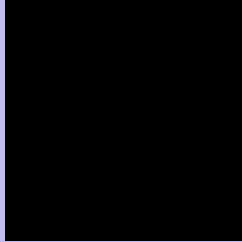
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2293, 0.2819, 0.2716

Background



This preview shows how black text looks on a background with the Yxy color 54.2293, 0.2819, 0.2716.



This preview shows how white text looks on a background with the Yxy color 54.2293, 0.2819, 0.2716.

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

54.2293, 0.2819, 0.2716

Protanopia

54.1174, 0.2724, 0.2717

Deuteranopia

54.1353, 0.2791, 0.2723



Tritanopia

54.1839, 0.2980, 0.3096

Trichromacy



Original Color

54.2293, 0.2819, 0.2716

Protanomaly

54.1177, 0.2757, 0.2720

Deuteranomaly

54.2654, 0.2798, 0.2724

Tritanomaly

54.1262, 0.2918, 0.2945

Monochromacy



Original Color

54.2293, 0.2819, 0.2716

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.6292, 0.3012, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2293, 0.2819, 0.2716 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(195, 189, 239)` looks like.

```
.text, #text, p{  
    color:rgb(195, 189, 239)  
}
```

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(195, 189, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 189, 239) }
```

Border

The CSS property to change the border of an element to Yxy 54.2293, 0.2819, 0.2716 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(195, 189, 239) }
```

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

```
.border{ border-color:rgb(195, 189, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 189, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 189, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 189, 239); box-shadow:4px 4px 4px 4px rgb(195, 189, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2293, 0.2819, 0.2716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 189, 239) }
```

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

```
.background{ background-color: rgb(195,  
189, 239) }
```

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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