

Converting Colors

Yxy(54.2693, 0.2681, 0.2650)

Have a look what the booklet for
Yxy(54.2693, 0.2681, 0.2650)
contains.

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Color

Yxy(54.3598, 0.2681, 0.2653)

Conversions

Conversions Part 1

Format	Color
Hex	B6C0F7
RGB	182, 192, 247
RGB Percent	71%, 75%, 97%
CMY	0.2862, 0.2471, 0.0313
CMYK	0.26, 0.22, 0.00, 0.03
HSL	231°, 80%, 84%
HSV	231°, 26%, 97%
XYZ	54.9335, 54.3598, 95.6060
YIQ	195.2800, -23.6150, 14.9850

Conversions

Conversions Part 2

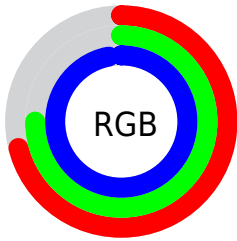
Format	Color
R_YB	182, 191, 247
Decimal	11976951
CIE Lab	78.67, 8.42, -28.29
CIE LCh	79, 29.517, 286.581
Yxy	54.3598, 0.2681, 0.2653
Android (android.graphics.Color)	4290167031 (0xFFB6C0F7)
YUV	195.2800, 25.4980, -11.6466
Hunter-Lab	73.7291, 3.9695, -25.2722

Details

The Yxy color **54.3598, 0.2681, 0.2653** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.7428, 0.3550, 0.3855**, and the grayscale version is **54.6071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7055, 0.3030, 0.3221**, and **26.7721, 0.2572, 0.2511** is the 20% darker color. If you saturate the color by 10%, you get **43.0763, 0.2486, 0.2362**, and if you desaturate by 10%, it is **67.4823, 0.2863, 0.2918**.

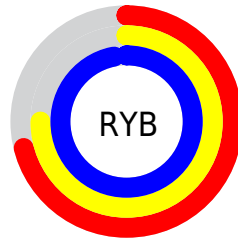
Distribution



Red (71%)

Green (75%)

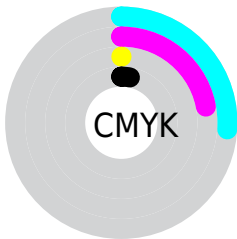
Blue (97%)



Red (71%)

Yellow (75%)

Blue (97%)

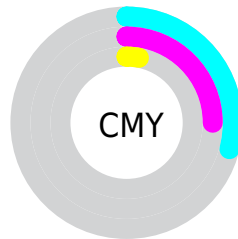


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (3%)



Cyan (29%)

Magenta (25%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3598, 0.2681, 0.2653 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 54.3598, 0.2681, 0.2653 by changing the saturation by 10% instead.

■ 54.3598, 0.2681,
0.2653

■ 54.3598, 0.2681,
0.2653

403.4806, 0.2897,
0.2953

■ 38.8894, 0.2630,
0.2584

■ 96.6023, 0.2757,
0.2758

■ 26.6737, 0.2566,
0.2498

124.1432, 0.2787,
0.2798

■ 17.3283, 0.2483,
0.2390

156.4764, 0.2812,
0.2833

■ 10.4688, 0.2374,
0.2248

193.9863, 0.2833,
0.2863

■ 5.7109, 0.2222,
0.2056

237.0573, 0.2852,
0.2890

■ 2.6701, 0.2000,
0.1785

286.0737, 0.2869,

■ 0.9620, 0.1654,

0.2913

0.1385

341.4200, 0.2883,
0.2934

0.0000, 0.0305,
0.0000

0.0000, 0.0000,
0.0000

54.3598, 0.2681,
0.2653

54.3598, 0.2681,
0.2653

43.0763, 0.2486,
0.2362

67.4823, 0.2863,
0.2918

33.5427, 0.2285,
0.2053

82.5146, 0.3030,
0.3155

25.6722, 0.2086,
0.1736

99.3188, 0.3174,
0.3364

19.3679, 0.1902,
0.1429

99.4965, 0.3173,
0.3366

■ 14.5225, 0.1744,
0.1151

■ 11.0146, 0.1625,
0.0921

■ 8.7016, 0.1549,
0.0755

■ 8.0990, 0.1530,
0.0709

Harmonies

Analogous

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



54.3598, 0.2459, 0.2722



54.3598, 0.2681, 0.2653



54.3598, 0.3032, 0.2735

Triad

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



54.3598, 0.2681, 0.2653



54.3598, 0.3908, 0.3555



54.3598, 0.2806, 0.3675

Complementary

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



54.3598, 0.2681, 0.2653



83.7428, 0.3550, 0.3855

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.



54.3598, 0.3183, 0.3938



54.3598, 0.2681, 0.2653



54.3598, 0.3830, 0.3834

Square

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



54.3598, 0.2681, 0.2653



54.3598, 0.3760, 0.3235



54.3598, 0.3560, 0.3987



54.3598, 0.2527, 0.3298

Rectangle

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



54.3598, 0.2681, 0.2653



54.3598, 0.3299, 0.2862



54.3598, 0.3560, 0.3987



54.3598, 0.2925, 0.3782

Sweetspot

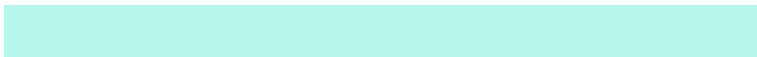
The Sweet Spot groups the original color and five complimentary colors.



54.3620, 0.2681, 0.2653



85.8081, 0.3003, 0.3117



82.5458, 0.2797, 0.3409



17.8280, 0.2979, 0.3082



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.



54.3620, 0.2681, 0.2653



51.2398, 0.2570, 0.2489



52.9707, 0.2825, 0.2566



16.3375, 0.2979, 0.3083



4.4104, 0.1536, 0.0728



0.5077, 0.1589, 0.0918

Inverse Universe

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



57.0447, 0.3607, 0.3185



54.8431, 0.3752, 0.3160



85.9740, 0.3376, 0.3983



16.5240, 0.3269, 0.3254



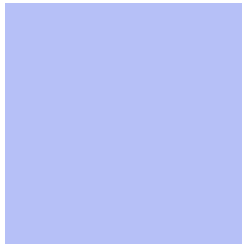
10.5446, 0.6187, 0.3182



0.9389, 0.5883, 0.3015

Previews

White Background



This preview shows how the Yxy color 54.3598, 0.2681, 0.2653 looks on a white background.

Color Contrast Check

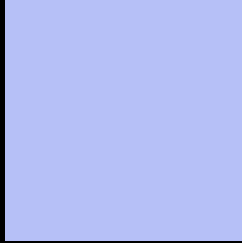
Large Text (above 18pt) WCAG AA × Fail

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 54.3598, 0.2681, 0.2653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

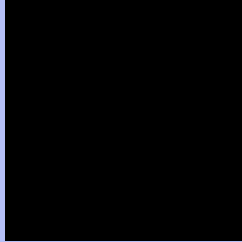
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3598, 0.2681, 0.2653

Background



This preview shows how black text looks on a background with the Yxy color 54.3598, 0.2681, 0.2653.



This preview shows how white text looks on a background with the Yxy color 54.3598, 0.2681, 0.2653.

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

54.3598, 0.2681, 0.2653

Protanopia

54.2384, 0.2674, 0.2652

Deuteranopia

54.4161, 0.2707, 0.2646



Tritanopia

54.3572, 0.2844, 0.3091

Trichromacy



Original Color

54.3598, 0.2681, 0.2653

Protanomaly

54.2384, 0.2674, 0.2652

Deuteranomaly

54.2913, 0.2700, 0.2645

Tritanomaly

54.4358, 0.2787, 0.2927

Monochromacy



Original Color

54.3598, 0.2681, 0.2653

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3858, 0.2952, 0.3049

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3598, 0.2681, 0.2653 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(182, 192, 247)` looks like.

```
.text, #text, p{  
    color:rgb(182, 192, 247)  
}
```

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(182, 192, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 192, 247) }
```

Border

The CSS property to change the border of an element to Yxy 54.3598, 0.2681, 0.2653 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(182, 192, 247) }
```

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

```
.border{ border-color:rgb(182, 192, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 192, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 192, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 192, 247); box-shadow:4px 4px 4px 4px rgb(182, 192, 247) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3598, 0.2681, 0.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 192, 247) }
```

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

```
.background{ background-color: rgb(182,  
192, 247) }
```

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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