

Converting Colors

$Yxy(53.1271, 0.2617, 0.2543)$

Have a look what the booklet for
Yxy(53.1271, 0.2617, 0.2543)
contains.

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Color

Yxy(53.1347, 0.2617, 0.2543)

Conversions

Conversions Part 1

Format	Color
Hex	B3BDFE
RGB	179, 189, 254
RGB Percent	70%, 74%, 100%
CMY	0.2979, 0.2588, 0.0040
CMYK	0.30, 0.26, 0.00, 0.00
HSL	232°, 97%, 85%
HSV	232°, 30%, 100%
XYZ	54.6809, 53.1347, 101.1294
YIQ	193.4200, -26.8250, 18.0950

Conversions

Conversions Part 2

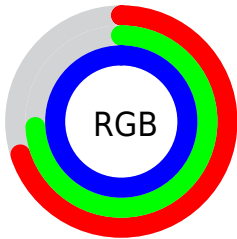
Format	Color
R _Y B	179, 188, 254
Decimal	11779582
CIE Lab	77.95, 10.87, -33.14
CIE LCh	78, 34.883, 288.162
Yxy	53.1347, 0.2617, 0.2543
Android (android.graphics.Color)	4289969662 (0xFFB3BDFE)
YUV	193.4200, 29.8659, -12.6463
Hunter-Lab	72.8936, 6.3376, -31.2309

Details

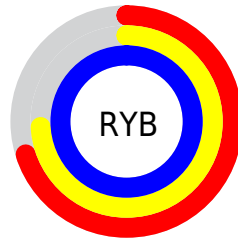
The Yxy color **53.1347, 0.2617, 0.2543** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.0405, 0.3601, 0.3940**, and the grayscale version is **53.4249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3577, 0.3012, 0.3191**, and **25.9246, 0.2483, 0.2367** is the 20% darker color. If you saturate the color by 10%, you get **41.6175, 0.2417, 0.2238**, and if you desaturate by 10%, it is **66.6519, 0.2805, 0.2824**.

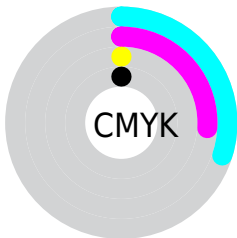
Distribution



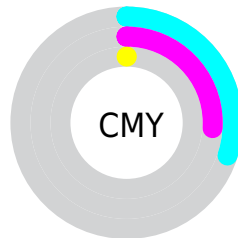
- Red (70%)
- Green (74%)
- Blue (100%)



- Red (70%)
- Yellow (74%)
- Blue (100%)



- Cyan (30%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1347, 0.2617, 0.2543 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 53.1347, 0.2617, 0.2543 by changing the saturation by 10% instead.

■ 53.1347, 0.2617,
0.2543

■ 53.1347, 0.2617,
0.2543

■ 398.8017, 0.2864,
0.2892

■ 37.9103, 0.2559,
0.2463

■ 94.8025, 0.2704,
0.2664

■ 25.9131, 0.2486,
0.2365

■ 122.0148, 0.2738,
0.2712

■ 16.7586, 0.2392,
0.2241

■ 153.9918, 0.2767,
0.2752

■ 10.0626, 0.2268,
0.2080

■ 191.1179, 0.2791,
0.2788

■ 5.4405, 0.2098,
0.1867

■ 233.7776, 0.2813,
0.2819

■ 2.5079, 0.1852,
0.1572

■ 282.3552, 0.2832,

■ 0.8806, 0.1482,

0.2846

0.1155

337.2351, 0.2849,
0.2871

0.0000, 0.0193,
0.0000

0.0000, 0.0000,
0.0000

53.1347, 0.2617,
0.2543

53.1347, 0.2617,
0.2543

41.6175, 0.2417,
0.2238

66.6519, 0.2805,
0.2824

31.9988, 0.2213,
0.1917

82.2518, 0.2979,
0.3077

24.1776, 0.2015,
0.1596

99.9350, 0.3133,
0.3300

18.0406, 0.1836,
0.1293

■ 13.4616, 0.1690,
0.1030

■ 10.2959, 0.1586,
0.0825

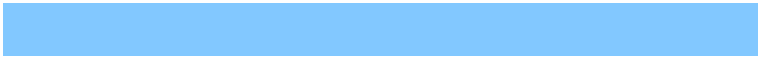
■ 8.3557, 0.1526,
0.0689

■ 8.2857, 0.1524,
0.0684

Harmonies

Analogous

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



53.1347, 0.2350, 0.2609



53.1347, 0.2617, 0.2543



53.1347, 0.3035, 0.2650

Triad

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



53.1347, 0.2617, 0.2543



53.1347, 0.4060, 0.3612



53.1347, 0.2722, 0.3731

Complementary

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



53.1347, 0.2617, 0.2543



89.0405, 0.3601, 0.3940

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.



53.1347, 0.3163, 0.4060



53.1347, 0.2617, 0.2543



53.1347, 0.3948, 0.3942

Square

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



53.1347, 0.2617, 0.2543



53.1347, 0.3898, 0.3239



53.1347, 0.3614, 0.4126



53.1347, 0.2405, 0.3269

Rectangle

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



53.1347, 0.2617, 0.2543



53.1347, 0.3354, 0.2802



53.1347, 0.3614, 0.4126



53.1347, 0.2860, 0.3864

Sweetspot

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



53.1368, 0.2617, 0.2543



83.8586, 0.2987, 0.3089



86.9953, 0.2748, 0.3398



17.4267, 0.2963, 0.3054



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.



53.1368, 0.2617, 0.2543



46.9877, 0.2508, 0.2378



52.6044, 0.2799, 0.2470



17.7669, 0.2979, 0.3077



4.4861, 0.1528, 0.0700



0.5513, 0.1572, 0.0858

Inverse Universe

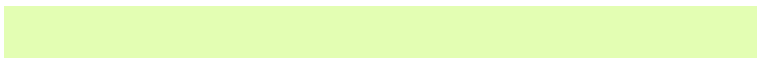
The Inverse Universe completely reimagines the original color for something new.



56.9961, 0.3701, 0.3187



51.6405, 0.3853, 0.3167



90.3828, 0.3388, 0.4078



18.0264, 0.3273, 0.3259



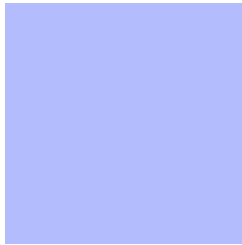
11.1808, 0.6232, 0.3207



1.1002, 0.5978, 0.3067

Previews

White Background



This preview shows how the Yxy color 53.1347, 0.2617, 0.2543 looks on a white background.

Color Contrast Check

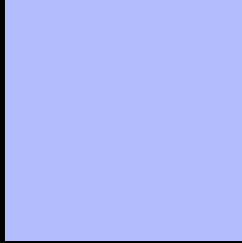
Large Text (above 18pt) WCAG AA × Fail

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 53.1347, 0.2617, 0.2543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

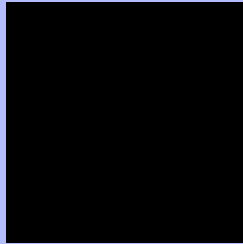
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1347, 0.2617, 0.2543

Background



This preview shows how black text looks on a background with the Yxy color 53.1347, 0.2617, 0.2543.



This preview shows how white text looks on a background with the Yxy color 53.1347, 0.2617, 0.2543.

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

53.1347, 0.2617, 0.2543

Protanopia

53.1609, 0.2587, 0.2540

Deuteranopia

53.0159, 0.2610, 0.2542



Tritanopia

53.2320, 0.2821, 0.3101

Trichromacy



Original Color

53.1347, 0.2617, 0.2543

Protanomaly

53.2770, 0.2593, 0.2541

Deuteranomaly

53.0159, 0.2610, 0.2542

Tritanomaly

53.0139, 0.2744, 0.2887

Monochromacy



Original Color

53.1347, 0.2617, 0.2543

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.2969, 0.2930, 0.3011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1347, 0.2617, 0.2543 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(179, 189, 254)` looks like.

```
.text, #text, p{  
    color:rgb(179, 189, 254)  
}
```

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(179, 189, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 189, 254) }
```

Border

The CSS property to change the border of an element to Yxy 53.1347, 0.2617, 0.2543 is called "border". The border property can be set on classes, ids or directly on the HTML element.

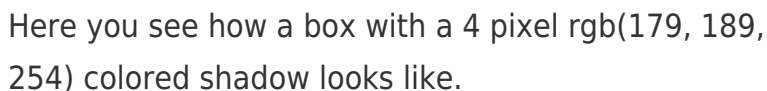
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 189, 254) }
```

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

```
.border{ border-color:rgb(179, 189, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 189, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 189, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 189, 254); box-shadow:4px 4px 4px 4px rgb(179, 189, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1347, 0.2617, 0.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 189, 254) }
```

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

```
.background{ background-color: rgb(179,  
189, 254) }
```

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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