

Converting Colors

Yxy(53.4974, 0.2644, 0.2572)

Have a look what the booklet for
Yxy(53.4974, 0.2644, 0.2572)
contains.

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Color

Yxy(53.6789, 0.2643, 0.2577)

Conversions

Conversions Part 1

Format	Color
Hex	B5BEFC
RGB	181, 190, 252
RGB Percent	71%, 75%, 99%
CMY	0.2899, 0.2550, 0.0117
CMYK	0.28, 0.25, 0.00, 0.01
HSL	232°, 92%, 85%
HSV	232°, 28%, 99%
XYZ	55.0537, 53.6789, 99.5674
YIQ	194.3770, -25.2660, 17.3740

Conversions

Conversions Part 2

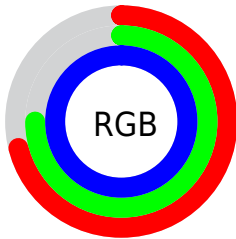
Format	Color
RYB	181, 189, 252
Decimal	11910908
CIELab	78.27, 10.44, -31.58
CIELCh	78, 33.264, 288.288
Yxy	53.6789, 0.2643, 0.2577
Android (android.graphics.Color)	4290100988 (0xFFB5BEFC)
YUV	194.3770, 28.4081, -11.7316
Hunter-Lab	73.2659, 5.9137, -29.2882

Details

The Yxy color **53.6789, 0.2643, 0.2577** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.2005, 0.3576, 0.3915**, and the grayscale version is **54.0306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3087, 0.3024, 0.3201**, and **26.2671, 0.2516, 0.2412** is the 20% darker color. If you saturate the color by 10%, you get **42.0699, 0.2444, 0.2272**, and if you desaturate by 10%, it is **67.2862, 0.2830, 0.2857**.

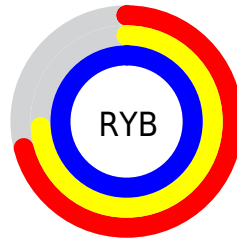
Distribution



Red (71%)

Green (75%)

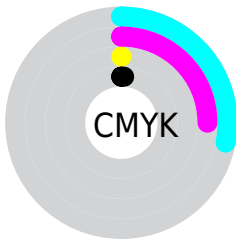
Blue (99%)



Red (71%)

Yellow (74%)

Blue (99%)

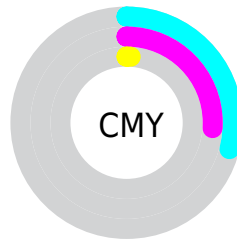


Cyan (28%)

Magenta (25%)

Yellow (0%)

Black (1%)



Cyan (29%)

Magenta (26%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6789, 0.2643, 0.2577 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 53.6789, 0.2643, 0.2577 by changing the saturation by 10% instead.

■ 53.6789, 0.2643,
0.2577

■ 53.6789, 0.2643,
0.2577

400.8844, 0.2877,
0.2911

■ 38.3450, 0.2587,
0.2501

■ 95.6026, 0.2726,
0.2693

■ 26.2506, 0.2518,
0.2406

122.9612, 0.2758,
0.2738

■ 17.0112, 0.2429,
0.2287

155.0969, 0.2785,
0.2777

■ 10.2425, 0.2311,
0.2133

192.3939, 0.2808,
0.2811

■ 5.5600, 0.2148,
0.1926

235.2368, 0.2829,
0.2840

■ 2.5794, 0.1912,
0.1639

284.0099, 0.2847,

■ 0.9163, 0.1552,

0.2867

0.1228

339.0977, 0.2863,
0.2890

0.0000, 0.0294,
0.0000

0.0000, 0.0000,
0.0000

53.6789, 0.2643,
0.2577

53.6789, 0.2643,
0.2577

42.0699, 0.2444,
0.2272

67.2862, 0.2830,
0.2857

32.3586, 0.2239,
0.1950

82.9734, 0.3001,
0.3108

24.4451, 0.2039,
0.1626

99.8093, 0.3144,
0.3318

18.2177, 0.1856,
0.1319

■ 13.5521, 0.1704,
0.1050

■ 10.3062, 0.1594,
0.0838

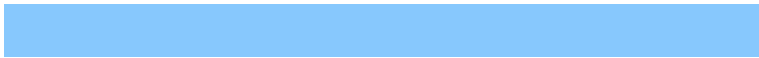
■ 8.3051, 0.1530,
0.0696

■ 8.0442, 0.1522,
0.0677

Harmonies

Analogous

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



53.6789, 0.2387, 0.2640



53.6789, 0.2643, 0.2577



53.6789, 0.3042, 0.2679

Triad

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



53.6789, 0.2643, 0.2577



53.6789, 0.4014, 0.3602



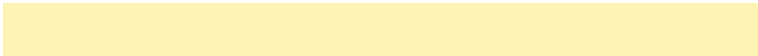
53.6789, 0.2741, 0.3706

Complementary

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



53.6789, 0.2643, 0.2577



88.2005, 0.3576, 0.3915

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.



53.6789, 0.3161, 0.4018



53.6789, 0.2643, 0.2577



53.6789, 0.3908, 0.3913

Square

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



53.6789, 0.2643, 0.2577



53.6789, 0.3860, 0.3245



53.6789, 0.3590, 0.4084



53.6789, 0.2438, 0.3270

Rectangle

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



53.6789, 0.2643, 0.2577



53.6789, 0.3346, 0.2825



53.6789, 0.3590, 0.4084



53.6789, 0.2873, 0.3832

Sweetspot

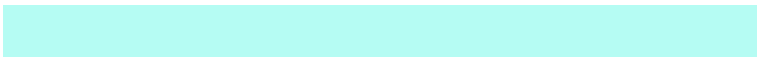
The Sweet Spot groups the original color and five complimentary colors.



53.6810, 0.2643, 0.2577



85.4769, 0.3003, 0.3111



85.9075, 0.2764, 0.3392



17.7453, 0.2979, 0.3075



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.



53.6810, 0.2643, 0.2577



47.8951, 0.2527, 0.2401



53.3829, 0.2817, 0.2512



16.9943, 0.2979, 0.3076



4.3023, 0.1526, 0.0693



0.5060, 0.1571, 0.0853

Inverse Universe

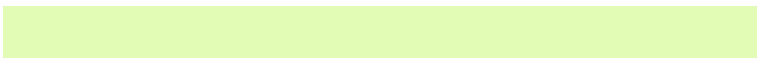
The Inverse Universe completely reimagines the original color for something new.



57.4916, 0.3670, 0.3198



52.6386, 0.3830, 0.3178



89.1392, 0.3377, 0.4039



17.2607, 0.3274, 0.3260



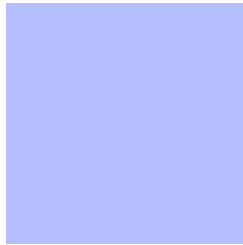
10.8452, 0.6244, 0.3213



1.0153, 0.5985, 0.3070

Previews

White Background



This preview shows how the Yxy color 53.6789, 0.2643, 0.2577 looks on a white background.

Color Contrast Check

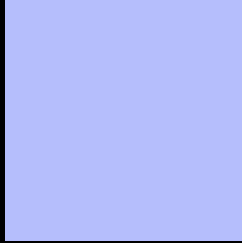
Large Text (above 18pt) WCAG AA × Fail

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 53.6789, 0.2643, 0.2577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

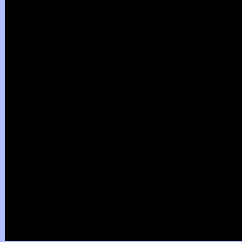
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6789, 0.2643, 0.2577

Background



This preview shows how black text looks on a background with the Yxy color 53.6789, 0.2643, 0.2577.



This preview shows how white text looks on a background with the Yxy color 53.6789, 0.2643, 0.2577.

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

53.6789, 0.2643, 0.2577

Protanopia

53.7006, 0.2612, 0.2574

Deuteranopia

53.6789, 0.2643, 0.2577



Tritanopia

53.6208, 0.2836, 0.3090

Trichromacy



Original Color

53.6789, 0.2643, 0.2577

Protanomaly

53.8184, 0.2619, 0.2575

Deuteranomaly

53.6789, 0.2643, 0.2577

Tritanomaly

53.3597, 0.2765, 0.2889

Monochromacy



Original Color

53.6789, 0.2643, 0.2577

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8650, 0.2938, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6789, 0.2643, 0.2577 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(181, 190, 252)` looks like.

```
.text, #text, p{  
    color:rgb(181, 190, 252)  
}
```

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(181, 190, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 190, 252) }
```

Border

The CSS property to change the border of an element to Yxy 53.6789, 0.2643, 0.2577 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(181, 190, 252) }
```

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

```
.border{ border-color:rgb(181, 190, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 190, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 190, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 190, 252);  
box-shadow:4px 4px 4px 4px rgb(181, 190,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6789, 0.2643, 0.2577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 190, 252) }
```

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

```
.background{ background-color: rgb(181,  
190, 252) }
```

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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