

Converting Colors

Yxy(53.9932, 0.2637, 0.2588)

Have a look what the booklet for
Yxy(53.9932, 0.2637, 0.2588)
contains.

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Color

Yxy(53.9932, 0.2637, 0.2588)

Conversions

Conversions Part 1

Format	Color
Hex	B4BFFC
RGB	180, 191, 252
RGB Percent	71%, 75%, 99%
CMY	0.2943, 0.2509, 0.0117
CMYK	0.29, 0.24, 0.00, 0.01
HSL	231°, 92%, 85%
HSV	231°, 29%, 99%
XYZ	55.0155, 53.9932, 99.6204
YIQ	194.6650, -26.1370, 16.6390

Conversions

Conversions Part 2

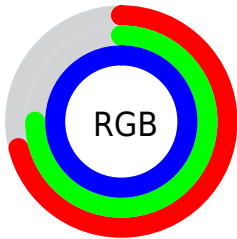
Format	Color
R_{YB}	180, 190, 252
Decimal	11845628
CIE Lab	78.46, 9.55, -31.30
CIE LCh	78, 32.726, 286.967
Yxy	53.9932, 0.2637, 0.2588
Android (android.graphics.Color)	4290035708 (0xFFB4BFFC)
YUV	194.6650, 28.2662, -12.8612
Hunter-Lab	73.4801, 5.0552, -28.9462

Details

The Yxy color **53.9932, 0.2637, 0.2588** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.8643, 0.3589, 0.3906**, and the grayscale version is **54.2013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7461, 0.3018, 0.3211**, and **26.4771, 0.2510, 0.2425** is the 20% darker color. If you saturate the color by 10%, you get **42.6048, 0.2440, 0.2292**, and if you desaturate by 10%, it is **67.2905, 0.2823, 0.2860**.

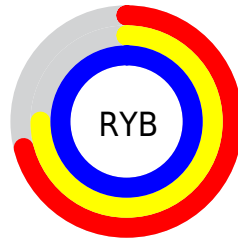
Distribution



Red (71%)

Green (75%)

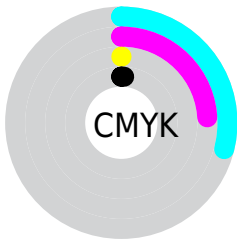
Blue (99%)



Red (71%)

Yellow (75%)

Blue (99%)

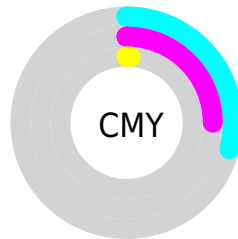


Cyan (29%)

Magenta (24%)

Yellow (0%)

Black (1%)



Cyan (29%)


Magenta (25%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9932, 0.2637, 0.2588 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 53.9932, 0.2637, 0.2588 by changing the saturation by 10% instead.


 53.9932, 0.2637,
0.2588

 53.9932, 0.2637,
0.2588


402.0841, 0.2874,
0.2917

 38.5962, 0.2581,
0.2513

 96.0643, 0.2721,
0.2703

 26.4458, 0.2511,
0.2419


123.5071, 0.2753,
0.2747

 17.1574, 0.2421,
0.2302


155.7341, 0.2780,
0.2785

 10.3468, 0.2303,
0.2149

193.1296, 0.2804,
0.2819

 5.6295, 0.2139,
0.1945

236.0779, 0.2825,
0.2848

 2.6211, 0.1903,
0.1661

284.9635, 0.2843,

 0.9373, 0.1543,

0.2873

0.1251

340.1707, 0.2859,
0.2896

0.0000, 0.0284,
0.0000

0.0000, 0.0000,
0.0000

53.9932, 0.2637,
0.2588

53.9932, 0.2637,
0.2588

42.6048, 0.2440,
0.2292

67.2905, 0.2823,
0.2860

33.0309, 0.2238,
0.1979

82.5726, 0.2994,
0.3104

25.1782, 0.2042,
0.1663

99.8086, 0.3144,
0.3319

18.9428, 0.1862,
0.1360

■ 14.2090, 0.1712,
0.1092

■ 10.8451, 0.1603,
0.0876

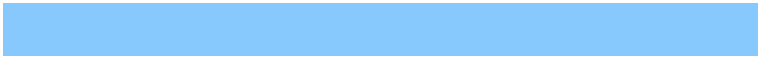
■ 8.6865, 0.1537,
0.0724

■ 8.4600, 0.1530,
0.0708

Harmonies

Analogous

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



53.9932, 0.2392, 0.2659



53.9932, 0.2637, 0.2588



53.9932, 0.3025, 0.2682

Triad

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



53.9932, 0.2637, 0.2588



53.9932, 0.3996, 0.3582



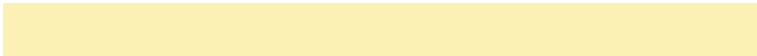
53.9932, 0.2765, 0.3715

Complementary

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



53.9932, 0.2637, 0.2588



86.8643, 0.3589, 0.3906

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.



53.9932, 0.3180, 0.4013



53.9932, 0.2637, 0.2588



53.9932, 0.3904, 0.3892

Square

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



53.9932, 0.2637, 0.2588



53.9932, 0.3835, 0.3231



53.9932, 0.3599, 0.4067



53.9932, 0.2460, 0.3290

Rectangle

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



53.9932, 0.2637, 0.2588



53.9932, 0.3322, 0.2822



53.9932, 0.3599, 0.4067



53.9932, 0.2896, 0.3837

Sweetspot

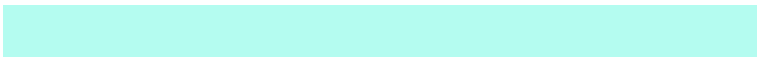
The Sweet Spot groups the original color and five complimentary colors.



53.9953, 0.2637, 0.2588



84.1303, 0.2987, 0.3094



85.6122, 0.2771, 0.3421



17.4931, 0.2963, 0.3060



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.



53.9953, 0.2637, 0.2588



48.8761, 0.2531, 0.2430



52.4848, 0.2794, 0.2495



17.0732, 0.2979, 0.3083



4.5388, 0.1535, 0.0727



0.5431, 0.1585, 0.0907

Inverse Universe

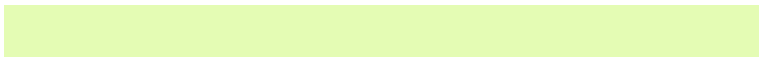
The Inverse Universe completely reimagines the original color for something new.



57.0819, 0.3663, 0.3175



52.7377, 0.3807, 0.3152



89.4088, 0.3397, 0.4047



17.2687, 0.3270, 0.3254



10.8691, 0.6189, 0.3183



1.0191, 0.5901, 0.3025

Previews

White Background



This preview shows how the Yxy color 53.9932, 0.2637, 0.2588 looks on a white background.

Color Contrast Check

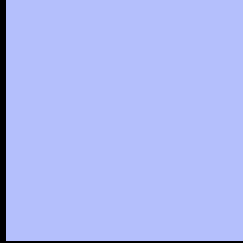
Large Text (above 18pt) WCAG AA × Fail

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 53.9932, 0.2637, 0.2588 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 53.9932, 0.2637, 0.2588

Background



This preview shows how black text looks on a background with the Yxy color 53.9932, 0.2637, 0.2588.



This preview shows how white text looks on a background with the Yxy color 53.9932, 0.2637, 0.2588.

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

53.9932, 0.2637, 0.2588

Protanopia

54.1925, 0.2626, 0.2597

Deuteranopia

54.1136, 0.2644, 0.2589



Tritanopia

54.0139, 0.2823, 0.3090

Trichromacy



Original Color

53.9932, 0.2637, 0.2588

Protanomaly

54.3113, 0.2632, 0.2599

Deuteranomaly

54.1136, 0.2644, 0.2589

Tritanomaly

53.7456, 0.2752, 0.2889

Monochromacy



Original Color

53.9932, 0.2637, 0.2588

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4886, 0.2938, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9932, 0.2637, 0.2588 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(180, 191, 252)` looks like.

```
.text, #text, p{  
    color:rgb(180, 191, 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(180, 191, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 191, 252) }
```

Border

The CSS property to change the border of an element to Yxy 53.9932, 0.2637, 0.2588 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(180, 191, 252) }
```

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

```
.border{ border-color:rgb(180, 191, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 191, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 191, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 191, 252);  
box-shadow:4px 4px 4px 4px rgb(180, 191,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9932, 0.2637, 0.2588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 191, 252) }
```

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

```
.background{ background-color: rgb(180,  
191, 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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