

Converting Colors

Yxy(53.6187, 0.2672, 0.2649)

Have a look what the booklet for
Yxy(53.6187, 0.2672, 0.2649)
contains.

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Color

Yxy(53.6187, 0.2672, 0.2649)

Conversions

Conversions Part 1

Format	Color
Hex	B4BFF6
RGB	180, 191, 246
RGB Percent	71%, 75%, 96%
CMY	0.2943, 0.2509, 0.0352
CMYK	0.27, 0.22, 0.00, 0.04
HSL	230°, 79%, 84%
HSV	230°, 27%, 96%
XYZ	54.0842, 53.6187, 94.7082
YIQ	193.9810, -24.2110, 14.7730

Conversions

Conversions Part 2

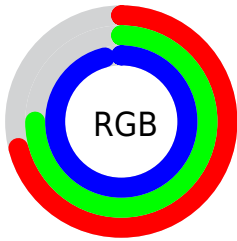
Format	Color
R _Y B	180, 189, 246
Decimal	11845622
CIE Lab	78.24, 8.13, -28.43
CIE LCh	78, 29.573, 285.955
Yxy	53.6187, 0.2672, 0.2649
Android (android.graphics.Color)	4290035702 (0xFFB4BFF6)
YUV	193.9810, 25.6454, -12.2613
Hunter-Lab	73.2248, 3.6977, -25.4277

Details

The Yxy color **53.6187, 0.2672, 0.2649** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.2971, 0.3561, 0.3858**, and the grayscale version is **53.7917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7461, 0.3018, 0.3211**, and **26.3303, 0.2553, 0.2491** is the 20% darker color. If you saturate the color by 10%, you get **42.6054, 0.2478, 0.2362**, and if you desaturate by 10%, it is **66.4104, 0.2854, 0.2911**.

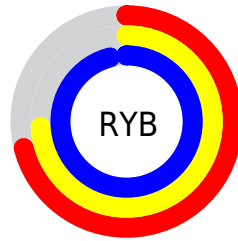
Distribution



Red (71%)

Green (75%)

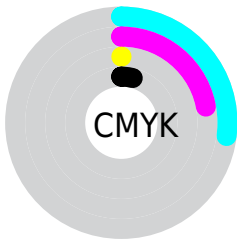
Blue (96%)



Red (71%)

Yellow (74%)

Blue (96%)

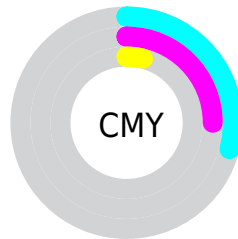


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (25%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6187, 0.2672, 0.2649 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 53.6187, 0.2672, 0.2649 by changing the saturation by 10% instead.

■ 53.6187, 0.2672,
0.2649

■ 53.6187, 0.2672,
0.2649

400.6543, 0.2892,
0.2951

■ 38.2969, 0.2620,
0.2579

■ 95.5142, 0.2750,
0.2755

■ 26.2132, 0.2554,
0.2492

122.8566, 0.2780,
0.2796

■ 16.9832, 0.2470,
0.2382

154.9747, 0.2806,
0.2831

■ 10.2225, 0.2357,
0.2238

192.2529, 0.2828,
0.2861

■ 5.5467, 0.2201,
0.2043

235.0756, 0.2847,
0.2888

■ 2.5715, 0.1973,
0.1767

283.8271, 0.2864,

■ 0.9124, 0.1618,

0.2912

0.1359

338.8919, 0.2879,
0.2933

■ 0.0000, 0.0064,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.6187, 0.2672,
0.2649

■ 53.6187, 0.2672,
0.2649

■ 42.6054, 0.2478,
0.2362

■ 66.4104, 0.2854,
0.2911

■ 33.2848, 0.2278,
0.2057

■ 81.0483, 0.3022,
0.3146

■ 25.5734, 0.2082,
0.1744

■ 97.6046, 0.3173,
0.3352

■ 19.3784, 0.1899,
0.1440

■ 99.4355, 0.3179,
0.3376

■ 14.5966, 0.1744,
0.1165

■ 11.1117, 0.1626,
0.0936

■ 8.7858, 0.1552,
0.0767

■ 8.2508, 0.1535,
0.0726

Harmonies

Analogous

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



53.6187, 0.2452, 0.2722



53.6187, 0.2672, 0.2649



53.6187, 0.3023, 0.2729

Triad

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



53.6187, 0.2672, 0.2649



53.6187, 0.3913, 0.3550



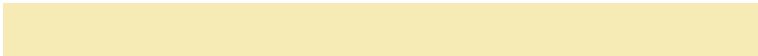
53.6187, 0.2811, 0.3685

Complementary

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



53.6187, 0.2672, 0.2649



82.2971, 0.3561, 0.3858

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.



53.6187, 0.3192, 0.3946



53.6187, 0.2672, 0.2649



53.6187, 0.3839, 0.3832

Square

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



53.6187, 0.2672, 0.2649



53.6187, 0.3759, 0.3228



53.6187, 0.3570, 0.3991



53.6187, 0.2527, 0.3306

Rectangle

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



53.6187, 0.2672, 0.2649



53.6187, 0.3292, 0.2855



53.6187, 0.3570, 0.3991



53.6187, 0.2932, 0.3792

Sweetspot

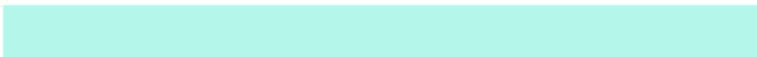
The Sweet Spot groups the original color and five complimentary colors.



53.6208, 0.2672, 0.2649



85.9696, 0.3003, 0.3120



81.5624, 0.2797, 0.3424



17.8684, 0.2979, 0.3086



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.



53.6208, 0.2672, 0.2649



51.7092, 0.2572, 0.2502



51.6853, 0.2810, 0.2548



16.3743, 0.2979, 0.3087



4.5381, 0.1541, 0.0746



0.5250, 0.1596, 0.0945

Inverse Universe

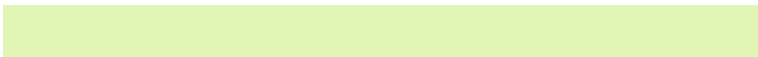
The Inverse Universe completely reimagines the original color for something new.



55.9880, 0.3612, 0.3173



54.8905, 0.3742, 0.3149



85.2463, 0.3388, 0.3996



16.5277, 0.3267, 0.3251



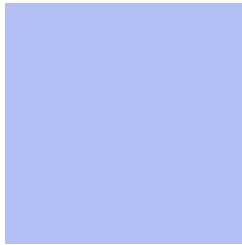
10.5575, 0.6157, 0.3165



0.9406, 0.5842, 0.2992

Previews

White Background



This preview shows how the Yxy color 53.6187, 0.2672, 0.2649 looks on a white background.

Color Contrast Check

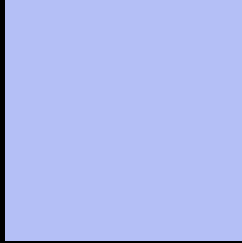
Large Text (above 18pt) WCAG AA × Fail

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 53.6187, 0.2672, 0.2649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

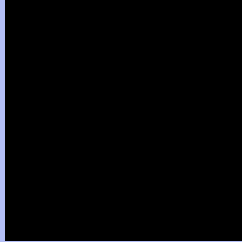
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6187, 0.2672, 0.2649

Background



This preview shows how black text looks on a background with the Yxy color 53.6187, 0.2672, 0.2649.



This preview shows how white text looks on a background with the Yxy color 53.6187, 0.2672, 0.2649.

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

53.6187, 0.2672, 0.2649

Protanopia

53.4991, 0.2666, 0.2648

Deuteranopia

53.6711, 0.2698, 0.2642



Tritanopia

53.6208, 0.2836, 0.3090

Trichromacy



Original Color

53.6187, 0.2672, 0.2649

Protanomaly

53.4991, 0.2666, 0.2648

Deuteranomaly

53.5480, 0.2692, 0.2641

Tritanomaly

53.6966, 0.2778, 0.2924

Monochromacy



Original Color

53.6187, 0.2672, 0.2649

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7628, 0.2951, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6187, 0.2672, 0.2649 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(180, 191, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 191, 246) }
```

Border

The CSS property to change the border of an element to Yxy 53.6187, 0.2672, 0.2649 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, 246) }
```

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

```
.border{ border-color:rgb(180, 191, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 191, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 191, 246);  
box-shadow:4px 4px 4px 4px rgb(180, 191,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6187, 0.2672, 0.2649 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, 246) }
```

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

```
.background{ background-color: rgb(180,  
191, 246) }
```

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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