

Converting Colors

$Y_{xy}(53.4329, 0.2715, 0.2671)$

Have a look what the booklet for
Yxy(53.4329, 0.2715, 0.2671)
contains.

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Color

Yxy(53.4883, 0.2717, 0.2673)

Conversions

Conversions Part 1

Format	Color
Hex	B8BEF3
RGB	184, 190, 243
RGB Percent	72%, 75%, 95%
CMY	0.2782, 0.2550, 0.0471
CMYK	0.24, 0.22, 0.00, 0.05
HSL	234°, 71%, 84%
HSV	234°, 24%, 95%
XYZ	54.3688, 53.4883, 92.2488
YIQ	194.2480, -20.5890, 15.2110

Conversions

Conversions Part 2

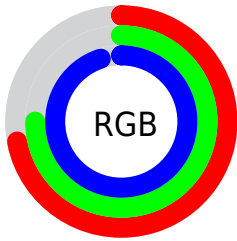
Format	Color
RYB	184, 189, 243
Decimal	12107507
CIELab	78.16, 9.18, -26.90
CIElCh	78, 28.423, 288.851
Yxy	53.4883, 0.2717, 0.2673
Android (android.graphics.Color)	4290297587 (0xFFB8BEF3)
YUV	194.2480, 24.0347, -8.9875
Hunter-Lab	73.1357, 4.7087, -23.5897

Details

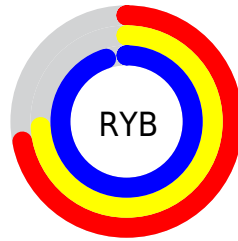
The Yxy color **53.4883, 0.2717, 0.2673** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.1290, 0.3507, 0.3840**, and the grayscale version is **53.9737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8323, 0.3043, 0.3201**, and **26.2250, 0.2608, 0.2522** is the 20% darker color. If you saturate the color by 10%, you get **41.9732, 0.2520, 0.2369**, and if you desaturate by 10%, it is **66.9431, 0.2899, 0.2949**.

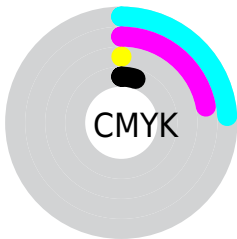
Distribution



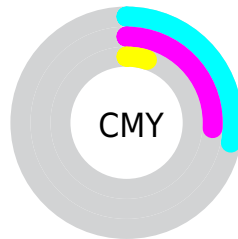
- Red (72%)
- Green (75%)
- Blue (95%)



- Red (72%)
- Yellow (74%)
- Blue (95%)



- Cyan (24%)
- Magenta (22%)
- Yellow (0%)
- Black (5%)



- Cyan (28%)
- Magenta (26%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4883, 0.2717, 0.2673 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 53.4883, 0.2717, 0.2673 by changing the saturation by 10% instead.

■ 53.4883, 0.2717,
0.2673

■ 53.4883, 0.2717,
0.2673

400.1557, 0.2916,
0.2964

■ 38.1927, 0.2669,
0.2606

■ 95.3225, 0.2788,
0.2775

■ 26.1323, 0.2609,
0.2522

122.6299, 0.2815,
0.2814

■ 16.9226, 0.2532,
0.2415

154.7101, 0.2838,
0.2848

■ 10.1794, 0.2429,
0.2276

191.9474, 0.2858,
0.2878

■ 5.5180, 0.2284,
0.2086

234.7262, 0.2875,
0.2903

■ 2.5543, 0.2070,
0.1816

283.4309, 0.2891,

■ 0.9037, 0.1730,

0.2926

0.1413

338.4460, 0.2904,
0.2946

0.0000, 0.0165,
0.0000

0.0000, 0.0000,
0.0000

53.4883, 0.2717,
0.2673

53.4883, 0.2717,
0.2673

41.9732, 0.2520,
0.2369

66.9431, 0.2899,
0.2949

32.3019, 0.2315,
0.2045

82.4145, 0.3063,
0.3195

24.3802, 0.2109,
0.1713

99.2508, 0.3197,
0.3405

18.1029, 0.1916,
0.1393

■ 13.3534, 0.1749,
0.1106

■ 9.9994, 0.1622,
0.0875

■ 7.8859, 0.1543,
0.0715

■ 7.1414, 0.1516,
0.0655

Harmonies

Analogous

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



53.4883, 0.2490, 0.2729



53.4883, 0.2717, 0.2673



53.4883, 0.3064, 0.2763

Triad

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



53.4883, 0.2717, 0.2673



53.4883, 0.3885, 0.3571



53.4883, 0.2792, 0.3637

Complementary

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



53.4883, 0.2717, 0.2673



83.1290, 0.3507, 0.3840

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.



53.4883, 0.3153, 0.3903



53.4883, 0.2717, 0.2673



53.4883, 0.3794, 0.3834

Square

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



53.4883, 0.2717, 0.2673



53.4883, 0.3757, 0.3261



53.4883, 0.3522, 0.3969



53.4883, 0.2530, 0.3270

Rectangle

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



53.4883, 0.2717, 0.2673



53.4883, 0.3323, 0.2892



53.4883, 0.3522, 0.3969



53.4883, 0.2905, 0.3743

Sweetspot

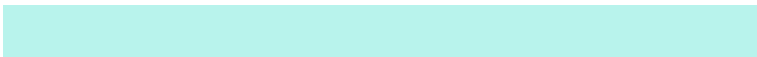
The Sweet Spot groups the original color and five complimentary colors.



53.4904, 0.2717, 0.2673



86.9503, 0.3019, 0.3130



80.3605, 0.2806, 0.3365



18.3816, 0.3010, 0.3116



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.



53.4904, 0.2717, 0.2673



53.2220, 0.2624, 0.2530



53.9948, 0.2876, 0.2633



16.1945, 0.2979, 0.3070



4.0074, 0.1519, 0.0669



0.4401, 0.1559, 0.0813

Inverse Universe

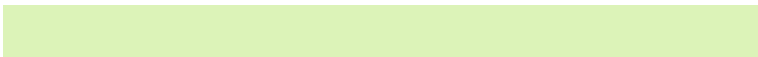
The Inverse Universe completely reimagines the original color for something new.



57.0792, 0.3585, 0.3227



57.9797, 0.3709, 0.3214



82.8414, 0.3336, 0.3929



16.5096, 0.3278, 0.3267



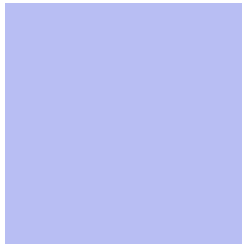
10.5039, 0.6285, 0.3236



0.9321, 0.6049, 0.3106

Previews

White Background



This preview shows how the Yxy color 53.4883, 0.2717, 0.2673 looks on a white background.

Color Contrast Check

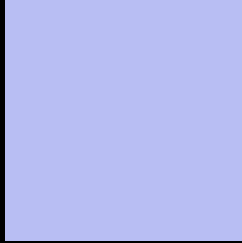
Large Text (above 18pt) WCAG AA × Fail

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 53.4883, 0.2717, 0.2673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

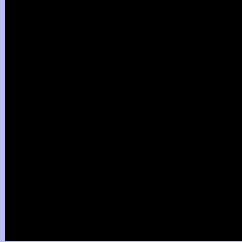
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4883, 0.2717, 0.2673

Background



This preview shows how black text looks on a background with the Yxy color 53.4883, 0.2717, 0.2673.



This preview shows how white text looks on a background with the Yxy color 53.4883, 0.2717, 0.2673.

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

53.4883, 0.2717, 0.2673

Protanopia

53.4966, 0.2684, 0.2670

Deuteranopia

53.3054, 0.2729, 0.2663



Tritanopia

53.6480, 0.2884, 0.3104

Trichromacy



Original Color

53.4883, 0.2717, 0.2673

Protanomaly

53.6170, 0.2691, 0.2671

Deuteranomaly

53.1805, 0.2722, 0.2662

Tritanomaly

53.6146, 0.2818, 0.2938

Monochromacy



Original Color

53.4883, 0.2717, 0.2673

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8405, 0.2966, 0.3060

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4883, 0.2717, 0.2673 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(184, 190, 243)` looks like.

```
.text, #text, p{  
    color:rgb(184, 190, 243)  
}
```

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(184, 190, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 190, 243) }
```

Border

The CSS property to change the border of an element to Yxy 53.4883, 0.2717, 0.2673 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(184, 190, 243) }
```

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

```
.border{ border-color:rgb(184, 190, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 190, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 190, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 190, 243);  
box-shadow:4px 4px 4px 4px rgb(184, 190,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4883, 0.2717, 0.2673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 190, 243) }
```

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

```
.background{ background-color: rgb(184,  
190, 243) }
```

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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