

Converting Colors

$Yxy(51.7272, 0.2630, 0.2567)$

Have a look what the booklet for
Yxy(51.7272, 0.2630, 0.2567)
contains.

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Color

Yxy(51.7273, 0.2630, 0.2567)

Conversions

Conversions Part 1

Format	Color
Hex	B1BBF9
RGB	177, 187, 249
RGB Percent	69%, 73%, 98%
CMY	0.3059, 0.2666, 0.0237
CMYK	0.29, 0.25, 0.00, 0.02
HSL	232°, 86%, 84%
HSV	232°, 29%, 98%
XYZ	52.9968, 51.7273, 96.7847
YIQ	191.0780, -25.8620, 17.1620

Conversions

Conversions Part 2

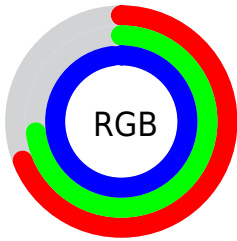
Format	Color
R _Y B	177, 186, 249
Decimal	11647993
CIE Lab	77.12, 10.17, -31.75
CIE LCh	77, 33.340, 287.755
Yxy	51.7273, 0.2630, 0.2567
Android (android.graphics.Color)	4289838073 (0xFFB1BBF9)
YUV	191.0780, 28.5555, -12.3464
Hunter-Lab	71.9217, 5.6680, -29.4411

Details

The Yxy color **51.7273, 0.2630, 0.2567** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.0201, 0.3591, 0.3922**, and the grayscale version is **51.9916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8136, 0.2999, 0.3170**, and **25.0669, 0.2506, 0.2396** is the 20% darker color. If you saturate the color by 10%, you get **40.6404, 0.2432, 0.2265**, and if you desaturate by 10%, it is **64.7092, 0.2817, 0.2844**.

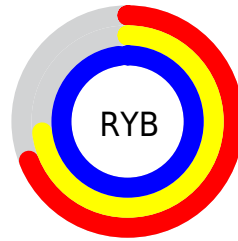
Distribution



Red (69%)

Green (73%)

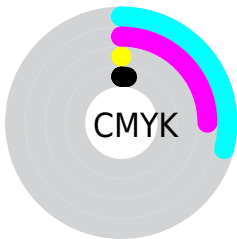
Blue (98%)



Red (69%)

Yellow (73%)

Blue (98%)

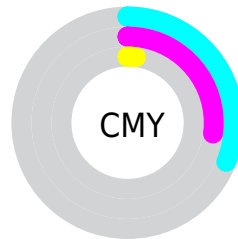


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (2%)



Cyan (31%)

Magenta (27%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7273, 0.2630, 0.2567 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 51.7273, 0.2630, 0.2567 by changing the saturation by 10% instead.

■ 51.7273, 0.2630,
0.2567

■ 51.7273, 0.2630,
0.2567

■ 393.3829, 0.2872,
0.2908

■ 36.7878, 0.2572,
0.2488

■ 92.7289, 0.2716,
0.2686

■ 25.0432, 0.2500,
0.2391

■ 119.5598, 0.2749,
0.2732

■ 16.1092, 0.2407,
0.2269

■ 151.1233, 0.2777,
0.2772

■ 9.6015, 0.2283,
0.2109

■ 187.8037, 0.2801,
0.2806

■ 5.1355, 0.2112,
0.1894

■ 229.9855, 0.2822,
0.2836

■ 2.3270, 0.1863,
0.1595

■ 278.0530, 0.2841,

■ 0.7880, 0.1482,

0.2863

0.1160


332.3907, 0.2857,
0.2886

 0.0000, 0.0000,
0.0000


 51.7273, 0.2630,
0.2567

 51.7273, 0.2630,
0.2567

 40.6404, 0.2432,
0.2265

 64.7092, 0.2817,
0.2844

 31.3534, 0.2228,
0.1948

 79.6629, 0.2989,
0.3093

 23.7721, 0.2030,
0.1628

 96.6687, 0.3143,
0.3313

 17.7912, 0.1851,
0.1324

 99.6174, 0.3162,
0.3348

 13.2934, 0.1702,
0.1057

■ 10.1447, 0.1594,
0.0847

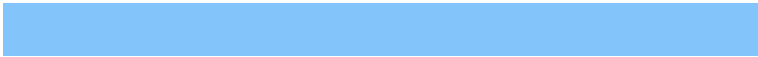
■ 8.1753, 0.1531,
0.0704

■ 8.0162, 0.1526,
0.0692

Harmonies

Analogous

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



51.7273, 0.2374, 0.2634



51.7273, 0.2630, 0.2567



51.7273, 0.3033, 0.2668

Triad

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



51.7273, 0.2630, 0.2567



51.7273, 0.4026, 0.3599



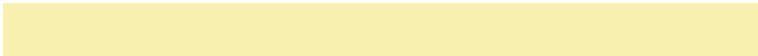
51.7273, 0.2742, 0.3720

Complementary

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



51.7273, 0.2630, 0.2567



85.0201, 0.3591, 0.3922

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.



51.7273, 0.3169, 0.4034



51.7273, 0.2630, 0.2567



51.7273, 0.3923, 0.3917

Square

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



51.7273, 0.2630, 0.2567



51.7273, 0.3866, 0.3237



51.7273, 0.3604, 0.4095



51.7273, 0.2433, 0.3277

Rectangle

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



51.7273, 0.2630, 0.2567



51.7273, 0.3340, 0.2814



51.7273, 0.3604, 0.4095



51.7273, 0.2876, 0.3847

Sweetspot

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



51.7293, 0.2630, 0.2567



83.9382, 0.2987, 0.3091



83.2612, 0.2762, 0.3409



17.4461, 0.2963, 0.3056



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.



51.7293, 0.2630, 0.2567



47.2023, 0.2509, 0.2384



50.8677, 0.2798, 0.2488



17.0320, 0.2979, 0.3079



4.4100, 0.1530, 0.0708



0.5237, 0.1578, 0.0879

Inverse Universe

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



55.1685, 0.3680, 0.3185



51.6622, 0.3848, 0.3162



86.7169, 0.3391, 0.4058



17.2645, 0.3272, 0.3257



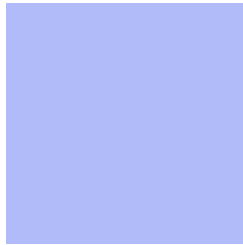
10.8561, 0.6219, 0.3199



1.0171, 0.5944, 0.3048

Previews

White Background



This preview shows how the Yxy color 51.7273, 0.2630, 0.2567 looks on a white background.

Color Contrast Check

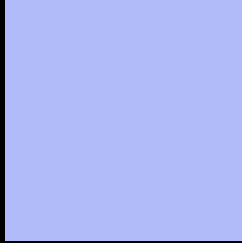
Large Text (above 18pt) WCAG AA × Fail

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 51.7273, 0.2630, 0.2567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

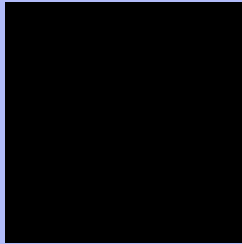
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7273, 0.2630, 0.2567

Background



This preview shows how black text looks on a background with the Yxy color 51.7273, 0.2630, 0.2567.



This preview shows how white text looks on a background with the Yxy color 51.7273, 0.2630, 0.2567.

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

51.7273, 0.2630, 0.2567

Protanopia

51.7528, 0.2599, 0.2563

Deuteranopia

51.7273, 0.2630, 0.2567



Tritanopia

51.6717, 0.2825, 0.3086

Trichromacy



Original Color

51.7273, 0.2630, 0.2567

Protanomaly

51.8672, 0.2606, 0.2565

Deuteranomaly

51.7273, 0.2630, 0.2567

Tritanomaly

51.4141, 0.2753, 0.2882

Monochromacy



Original Color

51.7273, 0.2630, 0.2567

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.0195, 0.2935, 0.3020

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7273, 0.2630, 0.2567 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(177, 187, 249)` looks like.

```
.text, #text, p{  
    color:rgb(177, 187, 249)  
}
```

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(177, 187, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 187, 249) }
```

Border

The CSS property to change the border of an element to Yxy 51.7273, 0.2630, 0.2567 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(177, 187, 249) }
```

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

```
.border{ border-color:rgb(177, 187, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 187, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 187, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 187, 249);  
box-shadow:4px 4px 4px 4px rgb(177, 187,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7273, 0.2630, 0.2567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 187, 249) }
```

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

```
.background{ background-color: rgb(177,  
187, 249) }
```

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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