

Converting Colors

$Y_{xy}(50.8997, 0.2569, 0.2479)$

Have a look what the booklet for
Yxy(50.8997, 0.2569, 0.2479)
contains.

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Color

Yxy(50.8022, 0.2567, 0.2477)

Conversions

Conversions Part 1

Format	Color
Hex	ADB9FF
RGB	173, 185, 255
RGB Percent	68%, 73%, 100%
CMY	0.3212, 0.2746, 0.0000
CMYK	0.32, 0.27, 0.00, 0.00
HSL	231°, 100%, 84%
HSV	231°, 32%, 100%
XYZ	52.6481, 50.8022, 101.6454
YIQ	189.3920, -29.6220, 19.2260

Conversions

Conversions Part 2

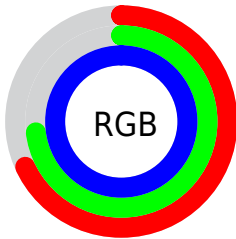
Format	Color
R _Y B	173, 183, 255
Decimal	11385343
CIE Lab	76.56, 11.67, -35.88
CIE LCh	77, 37.732, 288.015
Yxy	50.8022, 0.2567, 0.2477
Android (android.graphics.Color)	4289575423 (0xFFADB9FF)
YUV	189.3920, 32.3447, -14.3758
Hunter-Lab	71.2757, 7.1174, -34.6598

Details

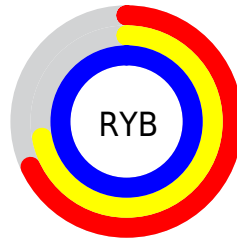
The Yxy color **50.8022, 0.2567, 0.2477** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.4498, 0.3648, 0.3989**, and the grayscale version is **50.9572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9536, 0.2974, 0.3149**, and **24.4313, 0.2419, 0.2281** is the 20% darker color. If you saturate the color by 10%, you get **39.7359, 0.2366, 0.2171**, and if you desaturate by 10%, it is **63.8244, 0.2758, 0.2761**.

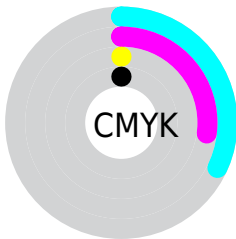
Distribution



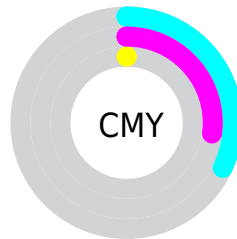
- Red (68%)
- Green (73%)
- Blue (100%)



- Red (68%)
- Yellow (72%)
- Blue (100%)



- Cyan (32%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8022, 0.2567, 0.2477 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 50.8022, 0.2567, 0.2477 by changing the saturation by 10% instead.

■ 50.8022, 0.2567,
0.2477

■ 50.8022, 0.2567,
0.2477

■ 389.7948, 0.2839,
0.2858

■ 36.0512, 0.2502,
0.2390

■ 91.3623, 0.2664,
0.2610

■ 24.4738, 0.2422,
0.2283

■ 117.9403, 0.2701,
0.2661

■ 15.6854, 0.2318,
0.2148

■ 149.2293, 0.2732,
0.2705

■ 9.3018, 0.2181,
0.1974

■ 185.6138, 0.2759,
0.2744

■ 4.9386, 0.1993,
0.1743

■ 227.4782, 0.2783,
0.2778

■ 2.2113, 0.1725,
0.1428

■ 275.2069, 0.2804,

■ 0.7261, 0.1327,

0.2808


0.0981


329.1843, 0.2823,
0.2834


 0.0000, 0.0000,
0.0000

 50.8022, 0.2567,
0.2477

 50.8022, 0.2567,
0.2477


 39.7359, 0.2366,
0.2171


 63.8244, 0.2758,
0.2761


 30.5262, 0.2164,
0.1852

 78.8869, 0.2935,
0.3018

 23.0712, 0.1971,
0.1536

 96.0742, 0.3095,
0.3245

 17.2574, 0.1800,
0.1243

 100.0000, 0.3127,
0.3290

 12.9577, 0.1664,
0.0992

■ 10.0250, 0.1571,
0.0801

■ 8.5435, 0.1527,
0.0697

Harmonies

Analogous

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



50.8022, 0.2280, 0.2546



50.8022, 0.2567, 0.2477



50.8022, 0.3022, 0.2593

Triad

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



50.8022, 0.2567, 0.2477



50.8022, 0.4151, 0.3633



50.8022, 0.2684, 0.3779

Complementary

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



50.8022, 0.2567, 0.2477



88.4498, 0.3648, 0.3989

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.



50.8022, 0.3165, 0.4144



50.8022, 0.2567, 0.2477



50.8022, 0.4027, 0.3997

Square

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



50.8022, 0.2567, 0.2477



50.8022, 0.3973, 0.3228



50.8022, 0.3658, 0.4208



50.8022, 0.2340, 0.3266

Rectangle

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



50.8022, 0.2567, 0.2477



50.8022, 0.3372, 0.2757



50.8022, 0.3658, 0.4208



50.8022, 0.2834, 0.3927

Sweetspot

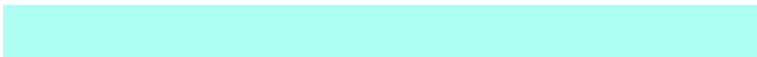
The Sweet Spot groups the original color and five complimentary colors.



50.8036, 0.2567, 0.2477



82.3518, 0.2970, 0.3069



86.8685, 0.2726, 0.3424



17.1329, 0.2947, 0.3035



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.



50.8036, 0.2567, 0.2477



42.9859, 0.2430, 0.2268



49.6654, 0.2753, 0.2386



17.8029, 0.2979, 0.3080



4.5915, 0.1532, 0.0715



0.5682, 0.1578, 0.0880

Inverse Universe

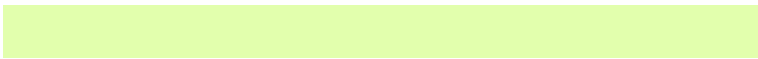
The Inverse Universe completely reimagines the original color for something new.



54.6842, 0.3762, 0.3167



47.7878, 0.3963, 0.3141



90.7632, 0.3419, 0.4150



18.0300, 0.3271, 0.3256



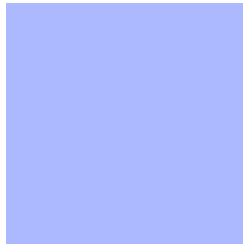
11.1915, 0.6208, 0.3194



1.1019, 0.5943, 0.3047

Previews

White Background



This preview shows how the Yxy color 50.8022, 0.2567, 0.2477 looks on a white background.

Color Contrast Check

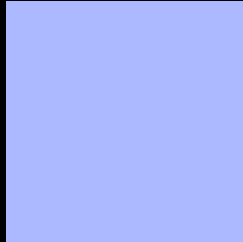
Large Text (above 18pt) WCAG AA × Fail

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 50.8022, 0.2567, 0.2477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

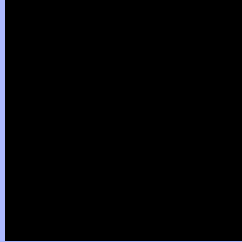
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8022, 0.2567, 0.2477

Background



This preview shows how black text looks on a background with the Yxy color 50.8022, 0.2567, 0.2477.



This preview shows how white text looks on a background with the Yxy color 50.8022, 0.2567, 0.2477.

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

50.8022, 0.2567, 0.2477

Protanopia

50.7728, 0.2542, 0.2484

Deuteranopia

50.8839, 0.2549, 0.2485



Tritanopia

50.9736, 0.2789, 0.3096

Trichromacy



Original Color

50.8022, 0.2567, 0.2477

Protanomaly

50.8839, 0.2549, 0.2485

Deuteranomaly

50.9957, 0.2555, 0.2487

Tritanomaly

50.9681, 0.2705, 0.2855

Monochromacy



Original Color

50.8022, 0.2567, 0.2477

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8378, 0.2904, 0.2981

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8022, 0.2567, 0.2477 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(173, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 185, 255)  
}
```

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(173, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 185, 255) }
```

Border

The CSS property to change the border of an element to Yxy 50.8022, 0.2567, 0.2477 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(173, 185, 255) }
```

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

```
.border{ border-color:rgb(173, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 185, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 185, 255); box-shadow:4px 4px 4px 4px rgb(173, 185, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8022, 0.2567, 0.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 185, 255) }
```

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

```
.background{ background-color: rgb(173,  
185, 255) }
```

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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