

Converting Colors

Yxy(51.1025, 0.2492, 0.2509)

Have a look what the booklet for
Yxy(51.1025, 0.2492, 0.2509)
contains.

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Color

Yxy(51.0888, 0.2492, 0.2509)

Conversions

Conversions Part 1

Format	Color
Hex	A0BDFE
RGB	160, 189, 255
RGB Percent	63%, 74%, 100%
CMY	0.3726, 0.2588, 0.0000
CMYK	0.37, 0.26, 0.00, 0.00
HSL	222°, 100%, 81%
HSV	222°, 37%, 100%
XYZ	50.7426, 51.0888, 101.7907
YIQ	187.8530, -38.4700, 14.3780

Conversions

Conversions Part 2

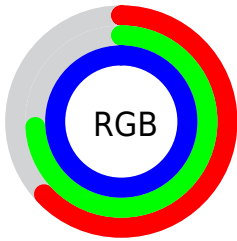
Format	Color
RYB	160, 182, 255
Decimal	10534399
CIELab	76.73, 5.91, -35.68
CIELCh	77, 36.161, 279.399
Yxy	51.0888, 0.2492, 0.2509
Android (android.graphics.Color)	4288724479 (0xFFA0BDFF)
YUV	187.8530, 33.1035, -24.4271
Hunter-Lab	71.4764, 1.6372, -34.4023

Details

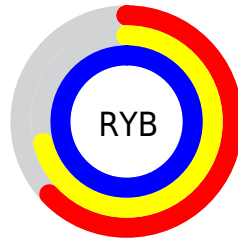
The Yxy color **51.0888, 0.2492, 0.2509** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78.1809, 0.3789, 0.3961**, and the grayscale version is **50.0271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2765, 0.2896, 0.3187**, and **24.6888, 0.2333, 0.2320** is the 20% darker color. If you saturate the color by 10%, you get **41.5660, 0.2307, 0.2253**, and if you desaturate by 10%, it is **62.0851, 0.2675, 0.2748**.

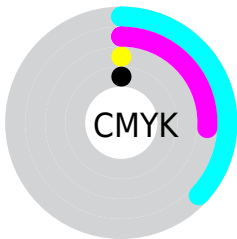
Distribution



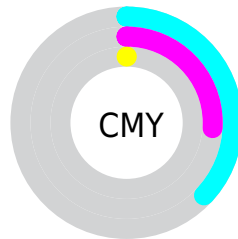
- Red (63%)
- Green (74%)
- Blue (100%)



- Red (63%)
- Yellow (71%)
- Blue (100%)



- Cyan (37%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0888, 0.2492, 0.2509 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 51.0888, 0.2492, 0.2509 by changing the saturation by 10% instead.


 51.0888, 0.2492,
0.2509

 51.0888, 0.2492,
0.2509


390.9087, 0.2798,
0.2878

 36.2793, 0.2420,
0.2424


 91.7860, 0.2600,
0.2638

 24.6500, 0.2331,
0.2319


 118.4425, 0.2641,
0.2688

 15.8165, 0.2217,
0.2186


149.8168, 0.2677,
0.2731

 9.3944, 0.2067,
0.2014

186.2932, 0.2708,
0.2768

 4.9993, 0.1864,
0.1784

228.2563, 0.2734,
0.2801

 2.2469, 0.1579,
0.1469

276.0902, 0.2758,

 0.7454, 0.1166,

0.2830

0.1020

330.1796, 0.2779,
0.2855

■ 0.0000, 0.0000,
0.0000

■ 51.0888, 0.2492,
0.2509

■ 51.0888, 0.2492,
0.2509

■ 41.5660, 0.2307,
0.2253

■ 62.0851, 0.2675,
0.2748

■ 33.4441, 0.2128,
0.1985

■ 74.6110, 0.2850,
0.2966

■ 26.6530, 0.1961,
0.1717

■ 88.7267, 0.3015,
0.3162

■ 21.1132, 0.1817,
0.1459

■ 99.9998, 0.3127,
0.3290

■ 16.7349, 0.1703,
0.1225

■ 13.4107, 0.1623,
0.1026

■ 12.6507, 0.1605,
0.0978

Harmonies

Analogous

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



51.0888, 0.2270, 0.2632



51.0888, 0.2492, 0.2509



51.0888, 0.2890, 0.2571

Triad

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



51.0888, 0.2492, 0.2509



51.0888, 0.4087, 0.3511



51.0888, 0.2827, 0.3879

Complementary

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



51.0888, 0.2492, 0.2509



78.1809, 0.3789, 0.3961

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.



51.0888, 0.3306, 0.4153



51.0888, 0.2492, 0.2509



51.0888, 0.4051, 0.3880

Square

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



51.0888, 0.2492, 0.2509



51.0888, 0.3837, 0.3124



51.0888, 0.3757, 0.4133



51.0888, 0.2449, 0.3411

Rectangle

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



51.0888, 0.2492, 0.2509



51.0888, 0.3217, 0.2703



51.0888, 0.3757, 0.4133



51.0888, 0.2981, 0.4001

Sweetspot

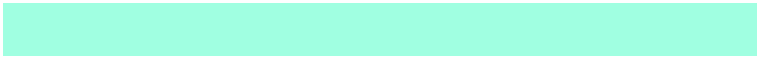
The Sweet Spot groups the original color and five complimentary colors.



51.0907, 0.2492, 0.2509



83.2555, 0.2955, 0.3091



84.4222, 0.2747, 0.3633



17.4078, 0.2932, 0.3065



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.



51.0907, 0.2492, 0.2509



43.5916, 0.2349, 0.2312



41.7545, 0.2561, 0.2190



18.2823, 0.2979, 0.3120



6.8398, 0.1613, 0.1006



0.8491, 0.1674, 0.1226

Inverse Universe

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



50.0731, 0.3760, 0.2988



43.1960, 0.3958, 0.2927



92.1601, 0.3569, 0.4260



18.0784, 0.3246, 0.3218



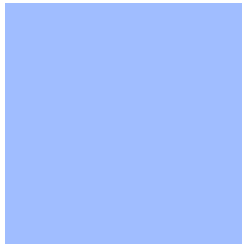
11.4184, 0.5749, 0.2941



1.1303, 0.5429, 0.2765

Previews

White Background



This preview shows how the Yxy color 51.0888, 0.2492, 0.2509 looks on a white background.

Color Contrast Check

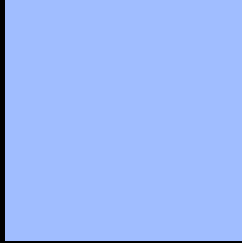
Large Text (above 18pt) WCAG AA × Fail

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 51.0888, 0.2492, 0.2509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

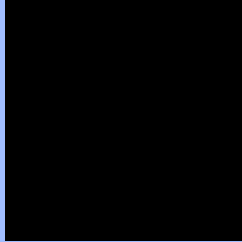
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

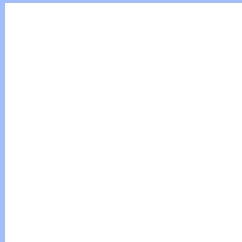
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0888, 0.2492, 0.2509

Background



This preview shows how black text looks on a background with the Yxy color 51.0888, 0.2492, 0.2509.



This preview shows how white text looks on a background with the Yxy color 51.0888, 0.2492, 0.2509.

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

51.0888, 0.2492, 0.2509

Protanopia

51.1785, 0.2561, 0.2517

Deuteranopia

50.8839, 0.2549, 0.2485



Tritanopia

51.2206, 0.2680, 0.3081

Trichromacy



Original Color

51.0888, 0.2492, 0.2509

Protanomaly

51.2292, 0.2532, 0.2514

Deuteranomaly

50.8676, 0.2525, 0.2492

Tritanomaly

51.0550, 0.2612, 0.2861

Monochromacy



Original Color

51.0888, 0.2492, 0.2509

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1849, 0.2873, 0.2990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0888, 0.2492, 0.2509 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(160, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 189, 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(160, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 189, 255) }
```

Border

The CSS property to change the border of an element to Yxy 51.0888, 0.2492, 0.2509 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(160, 189, 255) }
```

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

```
.border{ border-color:rgb(160, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 189,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0888, 0.2492, 0.2509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 189, 255) }
```

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

```
.background{ background-color: rgb(160,  
189, 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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