

Converting Colors

Yxy(51.5514, 0.2518, 0.2863)

Have a look what the booklet for
Yxy(51.5514, 0.2518, 0.2863)
contains.

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Color

Yxy(51.7331, 0.2519, 0.2868)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8CC6E7 |
| RGB | 140, 198, 231 |
| RGB Percent | 55%, 78%, 91% |
| CMY | 0.4509, 0.2235, 0.0940 |
| CMYK | 0.39, 0.14, 0.00, 0.09 |
| HSL | 202°, 65%, 73% |
| HSV | 202°, 39%, 91% |
| XYZ | 45.4378, 51.7331, 83.2095 |
| YIQ | 184.4200, -45.1610, -2.0330 |

Conversions

Conversions Part 2

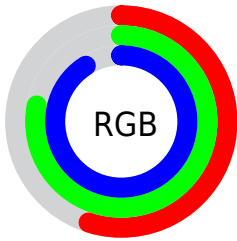
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 140, 175, 231 |
| Decimal | 9225959 |
| CIE _{Lab} | 77.12, -10.43, -22.30 |
| CIE _{LCh} | 77, 24.616, 244.942 |
| Yxy | 51.7331, 0.2519, 0.2868 |
| Android (android.graphics.Color) | 4287416039 (0xFF8CC6E7) |
| YUV | 184.4200, 22.9639, -38.9563 |
| Hunter-Lab | 71.9257, -13.1058, -18.2434 |

Details

The Yxy color **51.7331, 0.2519, 0.2868** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.7927, 0.3962, 0.3671**, and the grayscale version is **48.0700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **24.9730, 0.2366, 0.2754** is the 20% darker color. If you saturate the color by 10%, you get **46.2066, 0.2376, 0.2739**, and if you desaturate by 10%, it is **57.8971, 0.2670, 0.2989**.

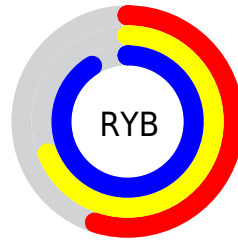
Distribution



Red (55%)

Green (78%)

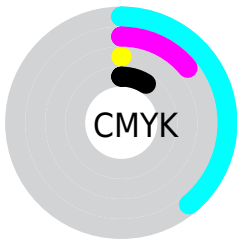
Blue (91%)



Red (55%)

Yellow (69%)

Blue (91%)

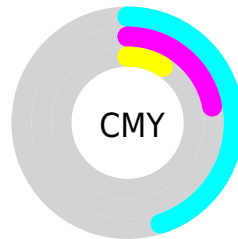


Cyan (39%)

Magenta (14%)

Yellow (0%)

Black (9%)



Cyan (45%)


Magenta (22%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7331, 0.2519, 0.2868 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 51.7331, 0.2519, 0.2868 by changing the saturation by 10% instead.


 51.7331, 0.2519,
0.2868


 51.7331, 0.2519,
0.2868


393.4054, 0.2811,
0.3077

 36.7924, 0.2450,
0.2817


 92.7375, 0.2622,
0.2943

 25.0468, 0.2364,
0.2752


 119.5700, 0.2661,
0.2972

 16.1119, 0.2254,
0.2667


151.1351, 0.2695,
0.2996

 9.6034, 0.2108,
0.2551

187.8174, 0.2725,
0.3017

 5.1368, 0.1907,
0.2386

230.0012, 0.2750,
0.3035

 2.3277, 0.1616,
0.2135

278.0708, 0.2773,

 0.7883, 0.1087,

0.3051

0.1732

332.4108, 0.2793,
0.3065

0.0000, 0.0000,
0.0000

51.7331, 0.2519,
0.2868

51.7331, 0.2519,
0.2868

46.2066, 0.2376,
0.2739

57.8971, 0.2670,
0.2989

41.2816, 0.2244,
0.2603

64.7202, 0.2826,
0.3101

36.9271, 0.2129,
0.2463

72.2300, 0.2982,
0.3203

33.1056, 0.2033,
0.2322

80.4506, 0.3136,
0.3295

29.7736, 0.1958,
0.2182

89.3037, 0.3283,
0.3378

■ 26.8629, 0.1902,
0.2045

■ 94.3527, 0.3274,
0.3459

■ 26.6946, 0.1899,
0.2037

■ 98.5509, 0.3268,
0.3522

Harmonies

Analogous

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



51.7331, 0.2532, 0.3110



51.7331, 0.2519, 0.2868



51.7331, 0.2658, 0.2752

Triad

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



51.7331, 0.2519, 0.2868



51.7331, 0.3569, 0.3143



51.7331, 0.3307, 0.3874

Complementary

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



51.7331, 0.2519, 0.2868



48.7927, 0.3962, 0.3671

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.



51.7331, 0.3601, 0.3850



51.7331, 0.2519, 0.2868



51.7331, 0.3761, 0.3416

Square

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



51.7331, 0.2519, 0.2868



51.7331, 0.3256, 0.2913



51.7331, 0.3771, 0.3674



51.7331, 0.2976, 0.3716

Rectangle

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



51.7331, 0.2519, 0.2868



51.7331, 0.2823, 0.2751



51.7331, 0.3771, 0.3674



51.7331, 0.3414, 0.3886

Sweetspot

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



51.7351, 0.2519, 0.2868



87.7692, 0.2940, 0.3177



65.7166, 0.2896, 0.4063



18.5180, 0.2920, 0.3164



0.0000, 0.0000, 0.0000



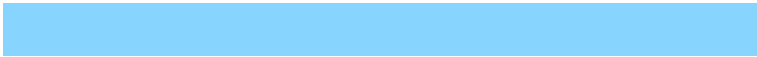
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.7351, 0.2519, 0.2868



59.2226, 0.2405, 0.2767



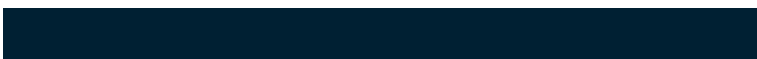
34.3510, 0.2427, 0.2269



15.4105, 0.2981, 0.3203



15.2056, 0.1905, 0.2059



1.2987, 0.1961, 0.2259

Inverse Universe

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



39.8323, 0.3486, 0.2643



43.3583, 0.3586, 0.2518



68.7060, 0.3769, 0.4137



14.5218, 0.3193, 0.3141



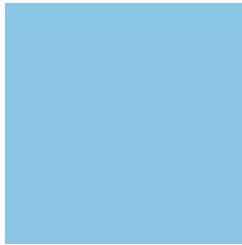
10.7327, 0.4387, 0.2190



0.8108, 0.4170, 0.2071

Previews

White Background



This preview shows how the Yxy color 51.7331, 0.2519, 0.2868 looks on a white background.

Color Contrast Check

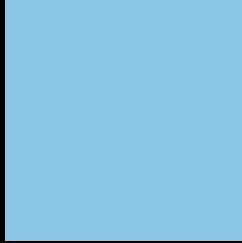
Large Text (above 18pt) WCAG AA × Fail

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 51.7331, 0.2519, 0.2868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

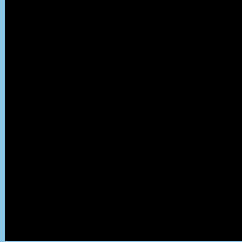
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7331, 0.2519, 0.2868

Background



This preview shows how black text looks on a background with the Yxy color 51.7331, 0.2519, 0.2868.

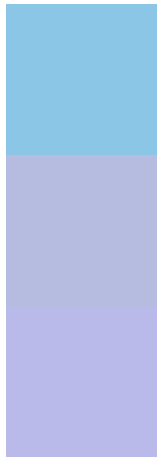


This preview shows how white text looks on a background with the Yxy color 51.7331, 0.2519, 0.2868.

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

51.7331, 0.2519, 0.2868

Protanopia

51.2933, 0.2822, 0.2853

Deuteranopia

51.4974, 0.2784, 0.2722



Tritanopia

51.5525, 0.2576, 0.3065

Trichromacy



Original Color

51.7331, 0.2519, 0.2868

Protanomaly

51.4608, 0.2701, 0.2856

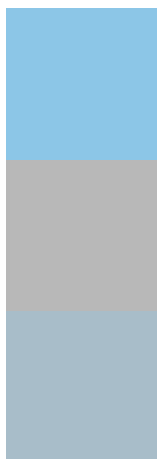
Deuteranomaly

51.1451, 0.2675, 0.2765

Tritanomaly

51.4391, 0.2553, 0.2989

Monochromacy



Original Color

51.7331, 0.2519, 0.2868

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.9371, 0.2874, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7331, 0.2519, 0.2868 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(140, 198, 231)` looks like.

```
.text, #text, p{  
    color:rgb(140, 198, 231)  
}
```

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(140, 198, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 198, 231) }
```

Border

The CSS property to change the border of an element to Yxy 51.7331, 0.2519, 0.2868 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(140, 198, 231) }
```

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

```
.border{ border-color:rgb(140, 198, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 198, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 198, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 198, 231);  
box-shadow:4px 4px 4px 4px rgb(140, 198,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7331, 0.2519, 0.2868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 198, 231) }
```

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

```
.background{ background-color: rgb(140,  
198, 231) }
```

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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