

Converting Colors

$Yxy(50.3597, 0.2614, 0.2927)$

Have a look what the booklet for
Yxy(50.3597, 0.2614, 0.2927)
contains.

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Color

Yxy(50.2471, 0.2615, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	95C2DE
RGB	149, 194, 222
RGB Percent	58%, 76%, 87%
CMY	0.4160, 0.2391, 0.1294
CMYK	0.33, 0.13, 0.00, 0.13
HSL	203°, 53%, 73%
HSV	203°, 33%, 87%
XYZ	44.8604, 50.2471, 76.4428
YIQ	183.7370, -35.8080, -0.8320

Conversions

Conversions Part 2

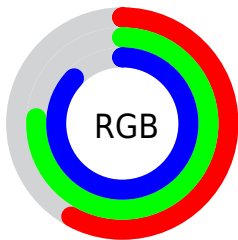
Format	Color
RYB	149, 177, 222
Decimal	9814750
CIELab	76.22, -8.21, -18.75
CIElCh	76, 20.472, 246.362
Yxy	50.2471, 0.2615, 0.2929
Android (android.graphics.Color)	4288004830 (0xFF95C2DE)
YUV	183.7370, 18.8637, -30.4643
Hunter-Lab	70.8852, -11.0835, -14.3189

Details

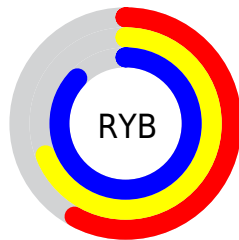
The Yxy color **50.2471, 0.2615, 0.2929** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **49.1047, 0.3781, 0.3623**, and the grayscale version is **47.6822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5704, 0.2829, 0.3237**, and **24.0330, 0.2483, 0.2818** is the 20% darker color. If you saturate the color by 10%, you get **44.6807, 0.2464, 0.2798**, and if you desaturate by 10%, it is **56.4319, 0.2771, 0.3051**.

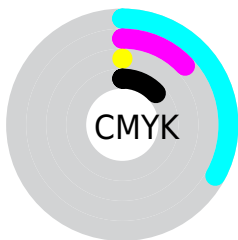
Distribution



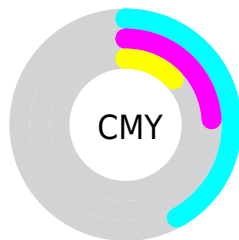
- Red (58%)
- Green (76%)
- Blue (87%)



- Red (58%)
- Yellow (69%)
- Blue (87%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (42%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2471, 0.2615, 0.2929 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 50.2471, 0.2615, 0.2929 by changing the saturation by 10% instead.

■ 50.2471, 0.2615,
0.2929

■ 50.2471, 0.2615,
0.2929

■ 387.6315, 0.2863,
0.3109

■ 35.6098, 0.2556,
0.2885

■ 90.5409, 0.2703,
0.2994

■ 24.1330, 0.2481,
0.2828

■ 116.9661, 0.2737,
0.3018

■ 15.4323, 0.2384,
0.2754

■ 148.0895, 0.2766,
0.3039

■ 9.1233, 0.2255,
0.2652

■ 184.2953, 0.2791,
0.3057

■ 4.8217, 0.2072,
0.2504

■ 225.9680, 0.2812,
0.3073

■ 2.1430, 0.1800,
0.2274

■ 273.4920, 0.2831,

■ 0.6887, 0.1237,

0.3086

0.1875

327.2517, 0.2848,
0.3098

0.0000, 0.0000,
0.0000

50.2471, 0.2615,
0.2929

50.2471, 0.2615,
0.2929

44.6807, 0.2464,
0.2798

56.4319, 0.2771,
0.3051

39.7003, 0.2323,
0.2659

63.2535, 0.2927,
0.3162

35.2795, 0.2194,
0.2513

70.7366, 0.3083,
0.3263

31.3863, 0.2082,
0.2365

78.9030, 0.3234,
0.3353

27.9847, 0.1990,
0.2216

86.8270, 0.3345,
0.3434

■ 25.0317, 0.1919,
0.2069

■ 91.8536, 0.3334,
0.3517

■ 23.1645, 0.1880,
0.1968

■ 97.1165, 0.3323,
0.3597

■ 98.0541, 0.3321,
0.3611

Harmonies

Analogous

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



50.2471, 0.2620, 0.3130



50.2471, 0.2615, 0.2929



50.2471, 0.2739, 0.2833

Triad

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



50.2471, 0.2615, 0.2929



50.2471, 0.3508, 0.3178



50.2471, 0.3268, 0.3773

Complementary

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



50.2471, 0.2615, 0.2929



49.1047, 0.3781, 0.3623

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.



50.2471, 0.3517, 0.3765



50.2471, 0.2615, 0.2929



50.2471, 0.3662, 0.3411

Square

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



50.2471, 0.2615, 0.2929



50.2471, 0.3251, 0.2978



50.2471, 0.3664, 0.3626



50.2471, 0.2989, 0.3635

Rectangle

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



50.2471, 0.2615, 0.2929



50.2471, 0.2883, 0.2834



50.2471, 0.3664, 0.3626



50.2471, 0.3358, 0.3787

Sweetspot

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



50.2491, 0.2615, 0.2929



89.4080, 0.2972, 0.3192



61.7500, 0.2922, 0.3897



18.8345, 0.2950, 0.3177



0.0000, 0.0000, 0.0000



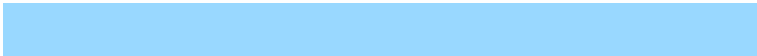
21.4041, 0.3127, 0.3290

Same Dimension

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



50.2491, 0.2615, 0.2929



63.0751, 0.2503, 0.2833



36.3384, 0.2555, 0.2449



14.6447, 0.2981, 0.3198



13.9800, 0.1886, 0.1989



1.1405, 0.1948, 0.2211

Inverse Universe

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



40.8967, 0.3424, 0.2767



48.9974, 0.3515, 0.2649



64.9142, 0.3654, 0.4010



13.8420, 0.3196, 0.3146



10.3193, 0.4465, 0.2233



0.7326, 0.4220, 0.2098

Previews

White Background



This preview shows how the Yxy color 50.2471, 0.2615, 0.2929 looks on a white background.

Color Contrast Check

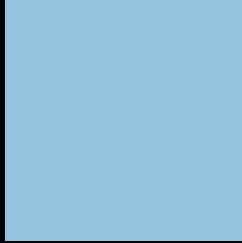
Large Text (above 18pt) WCAG AA × Fail

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 50.2471, 0.2615, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

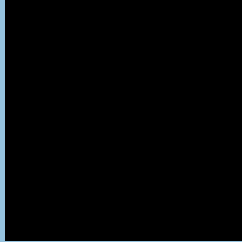
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2471, 0.2615, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 50.2471, 0.2615, 0.2929.



This preview shows how white text looks on a background with the Yxy color 50.2471, 0.2615, 0.2929.

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

50.2471, 0.2615, 0.2929

Protanopia

50.0726, 0.2868, 0.2909

Deuteranopia

49.8136, 0.2856, 0.2796



Tritanopia

50.2940, 0.2665, 0.3091

Trichromacy



Original Color

50.2471, 0.2615, 0.2929

Protanomaly

50.0557, 0.2769, 0.2914

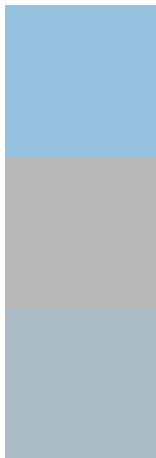
Deuteranomaly

49.7526, 0.2762, 0.2844

Tritanomaly

50.1396, 0.2646, 0.3028

Monochromacy



Original Color

50.2471, 0.2615, 0.2929

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7016, 0.2918, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2471, 0.2615, 0.2929 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(149, 194, 222)` looks like.

```
.text, #text, p{  
    color:rgb(149, 194, 222)  
}
```

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(149, 194, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 194, 222) }
```

Border

The CSS property to change the border of an element to Yxy 50.2471, 0.2615, 0.2929 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(149, 194, 222) }
```

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

```
.border{ border-color:rgb(149, 194, 222) }
```

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

Here you see how a box with a 4 pixel rgb(149, 194, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 194, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 194, 222);  
box-shadow:4px 4px 4px 4px rgb(149, 194,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2471, 0.2615, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 194, 222) }
```

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

```
.background{ background-color: rgb(149,  
194, 222) }
```

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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