

Converting Colors

$Y_{xy}(50.2963, 0.2550, 0.2778)$

Have a look what the booklet for
Yxy(50.2963, 0.2550, 0.2778)
contains.

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Color

Yxy(50.4127, 0.2551, 0.2786)

Conversions

Conversions Part 1

Format	Color
Hex	95C1E9
RGB	149, 193, 233
RGB Percent	58%, 76%, 91%
CMY	0.4160, 0.2431, 0.0863
CMYK	0.36, 0.17, 0.00, 0.09
HSL	209°, 66%, 75%
HSV	209°, 36%, 91%
XYZ	46.1604, 50.4127, 84.3770
YIQ	184.4040, -39.0640, 3.1120

Conversions

Conversions Part 2

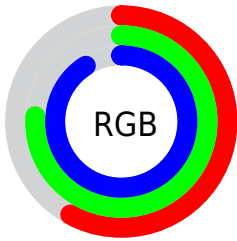
Format	Color
RYB	149, 178, 233
Decimal	9814505
CIELab	76.32, -4.92, -24.53
CIElCh	76, 25.017, 258.658
Yxy	50.4127, 0.2551, 0.2786
Android (android.graphics.Color)	4288004585 (0xFF95C1E9)
YUV	184.4040, 23.9578, -31.0493
Hunter-Lab	71.0019, -8.2054, -20.7575

Details

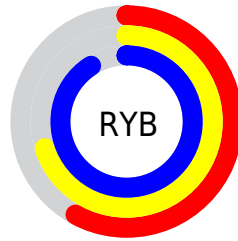
The Yxy color **50.4127, 0.2551, 0.2786** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.8377, 0.3833, 0.3743**, and the grayscale version is **48.0422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9505, 0.2829, 0.3227**, and **24.3634, 0.2407, 0.2662** is the 20% darker color. If you saturate the color by 10%, you get **43.7231, 0.2392, 0.2616**, and if you desaturate by 10%, it is **57.9113, 0.2713, 0.2944**.

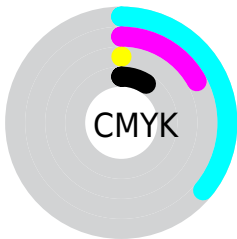
Distribution



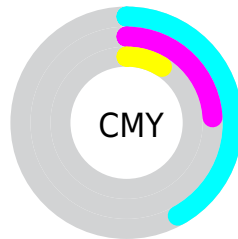
- Red (58%)
- Green (76%)
- Blue (91%)



- Red (58%)
- Yellow (70%)
- Blue (91%)



- Cyan (36%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4127, 0.2551, 0.2786 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 50.4127, 0.2551, 0.2786 by changing the saturation by 10% instead.

■ 50.4127, 0.2551,
0.2786

■ 50.4127, 0.2551,
0.2786

■ 388.2777, 0.2829,
0.3033

■ 35.7414, 0.2485,
0.2726

■ 90.7861, 0.2650,
0.2874

■ 24.2346, 0.2402,
0.2651

■ 117.2569, 0.2687,
0.2908

■ 15.5077, 0.2296,
0.2553

■ 148.4298, 0.2720,
0.2937

■ 9.1765, 0.2154,
0.2421

■ 184.6890, 0.2747,
0.2961

■ 4.8565, 0.1958,
0.2236

■ 226.4190, 0.2772,
0.2983

■ 2.1633, 0.1671,
0.1959

■ 274.0042, 0.2793,

■ 0.6999, 0.1172,

0.3002

0.1505

327.8290, 0.2812,
0.3018

0.0000, 0.0000,
0.0000

50.4127, 0.2551,
0.2786

50.4127, 0.2551,
0.2786

43.7231, 0.2392,
0.2616

57.9113, 0.2713,
0.2944

37.8024, 0.2241,
0.2437

66.2449, 0.2875,
0.3088

32.6151, 0.2103,
0.2252

75.4453, 0.3034,
0.3218

28.1198, 0.1984,
0.2064

85.5407, 0.3186,
0.3334

24.2693, 0.1886,
0.1880

94.5275, 0.3262,
0.3440

■ 21.0066, 0.1813,
0.1703

■ 98.6624, 0.3256,
0.3503

■ 19.8545, 0.1788,
0.1637

Harmonies

Analogous

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



50.4127, 0.2492, 0.2978



50.4127, 0.2551, 0.2786



50.4127, 0.2757, 0.2732

Triad

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



50.4127, 0.2551, 0.2786



50.4127, 0.3691, 0.3264



50.4127, 0.3155, 0.3838

Complementary

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



50.4127, 0.2551, 0.2786



55.8377, 0.3833, 0.3743

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.



50.4127, 0.3486, 0.3898



50.4127, 0.2551, 0.2786



50.4127, 0.3807, 0.3545

Square

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



50.4127, 0.2551, 0.2786



50.4127, 0.3415, 0.3003



50.4127, 0.3728, 0.3780



50.4127, 0.2829, 0.3602

Rectangle

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



50.4127, 0.2551, 0.2786



50.4127, 0.2957, 0.2772



50.4127, 0.3728, 0.3780



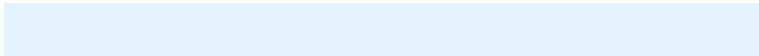
50.4127, 0.3269, 0.3879

Sweetspot

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



50.4147, 0.2551, 0.2786



86.8472, 0.2956, 0.3155



68.2901, 0.2858, 0.3856



18.2616, 0.2934, 0.3137



0.0000, 0.0000, 0.0000



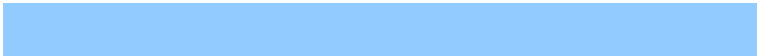
21.4041, 0.3127, 0.3290

Same Dimension

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



50.4147, 0.2551, 0.2786



55.9213, 0.2437, 0.2666



34.6341, 0.2475, 0.2239



15.8566, 0.2981, 0.3175



11.5176, 0.1795, 0.1663



1.0969, 0.1862, 0.1904

Inverse Universe

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



42.6446, 0.3540, 0.2797



45.9235, 0.3655, 0.2700



76.1849, 0.3679, 0.4161



15.1861, 0.3211, 0.3167



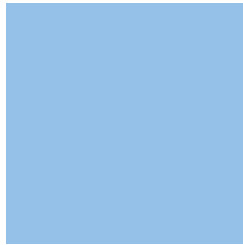
10.6555, 0.4852, 0.2447



0.8561, 0.4562, 0.2287

Previews

White Background



This preview shows how the Yxy color 50.4127, 0.2551, 0.2786 looks on a white background.

Color Contrast Check

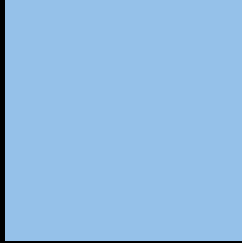
Large Text (above 18pt) WCAG AA × Fail

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 50.4127, 0.2551, 0.2786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

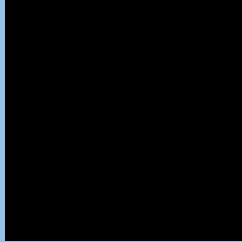
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

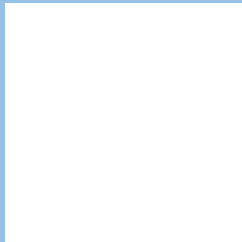
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.4127, 0.2551, 0.2786

Background



This preview shows how black text looks on a background with the Yxy color 50.4127, 0.2551, 0.2786.



This preview shows how white text looks on a background with the Yxy color 50.4127, 0.2551, 0.2786.

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

50.4127, 0.2551, 0.2786

Protanopia

50.1842, 0.2765, 0.2779

Deuteranopia

50.2242, 0.2747, 0.2682



Tritanopia

50.6153, 0.2648, 0.3091

Trichromacy



Original Color

50.4127, 0.2551, 0.2786

Protanomaly

50.3239, 0.2678, 0.2784

Deuteranomaly

50.0272, 0.2672, 0.2717

Tritanomaly

50.7582, 0.2612, 0.2978

Monochromacy



Original Color

50.4127, 0.2551, 0.2786

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.4628, 0.2889, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4127, 0.2551, 0.2786 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, 193, 233)` looks like.

```
.text, #text, p{  
    color:rgb(149, 193, 233)  
}
```

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, 193, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 193, 233) }
```

Border

The CSS property to change the border of an element to Yxy 50.4127, 0.2551, 0.2786 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, 193, 233) }
```

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

```
.border{ border-color:rgb(149, 193, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 193, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 193, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 193, 233);  
box-shadow:4px 4px 4px 4px rgb(149, 193,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4127, 0.2551, 0.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 193, 233) }
```

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

```
.background{ background-color: rgb(149,  
193, 233) }
```

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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