

Converting Colors

$Yxy(50.9372, 0.2624, 0.2931)$

Have a look what the booklet for
Yxy(50.9372, 0.2624, 0.2931)
contains.

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Color

Yxy(50.9372, 0.2624, 0.2931)

Conversions

Conversions Part 1

Format	Color
Hex	97C3DF
RGB	151, 195, 223
RGB Percent	59%, 76%, 87%
CMY	0.4077, 0.2353, 0.1254
CMYK	0.32, 0.13, 0.00, 0.13
HSL	203°, 53%, 73%
HSV	203°, 32%, 87%
XYZ	45.6019, 50.9372, 77.2487
YIQ	185.0360, -35.2120, -0.6200

Conversions

Conversions Part 2

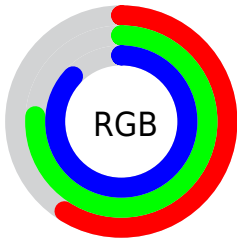
Format	Color
RYB	151, 178, 223
Decimal	9946079
CIELab	76.64, -7.89, -18.65
CIELCh	77, 20.251, 247.079
Yxy	50.9372, 0.2624, 0.2931
Android (android.graphics.Color)	4288136159 (0xFF97C3DF)
YUV	185.0360, 18.7163, -29.8496
Hunter-Lab	71.3703, -10.8458, -14.2142

Details

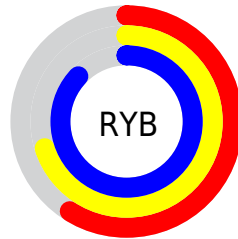
The Yxy color **50.9372, 0.2624, 0.2931** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **50.1846, 0.3764, 0.3622**, and the grayscale version is **48.4498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1062, 0.2842, 0.3258**, and **24.4736, 0.2494, 0.2822** is the 20% darker color. If you saturate the color by 10%, you get **45.2256, 0.2472, 0.2798**, and if you desaturate by 10%, it is **57.2826, 0.2780, 0.3054**.

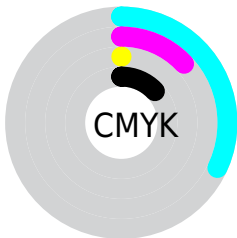
Distribution



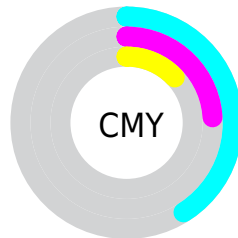
- Red (59%)
- Green (76%)
- Blue (87%)



- Red (59%)
- Yellow (70%)
- Blue (87%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (41%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9372, 0.2624, 0.2931 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 50.9372, 0.2624, 0.2931 by changing the saturation by 10% instead.

■ 50.9372, 0.2624,
0.2931

■ 50.9372, 0.2624,
0.2931

■ 390.3197, 0.2867,
0.3109

■ 36.1586, 0.2566,
0.2887

■ 91.5619, 0.2710,
0.2995

■ 24.5567, 0.2493,
0.2831

■ 118.1769, 0.2743,
0.3020

■ 15.7471, 0.2398,
0.2758

■ 149.5061, 0.2772,
0.3040

■ 9.3454, 0.2272,
0.2658

■ 185.9340, 0.2796,
0.3058

■ 4.9671, 0.2094,
0.2513

■ 227.8449, 0.2817,
0.3073

■ 2.2280, 0.1830,
0.2289

■ 275.6232, 0.2836,

■ 0.7352, 0.1313,

0.3087

0.1907

329.6534, 0.2853,
0.3099

0.0000, 0.0000,
0.0000

50.9372, 0.2624,
0.2931

50.9372, 0.2624,
0.2931

45.2256, 0.2472,
0.2798

57.2826, 0.2780,
0.3054

40.1151, 0.2329,
0.2657

64.2804, 0.2937,
0.3167

35.5787, 0.2198,
0.2509

71.9558, 0.3092,
0.3268

31.5844, 0.2084,
0.2358

80.3309, 0.3243,
0.3359

28.0957, 0.1990,
0.2206

87.9685, 0.3336,
0.3443

■ 25.0694, 0.1917,
0.2057

■ 93.1567, 0.3325,
0.3526

■ 22.9967, 0.1874,
0.1945

■ 98.1084, 0.3315,
0.3601

Harmonies

Analogous

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



50.9372, 0.2626, 0.3127



50.9372, 0.2624, 0.2931



50.9372, 0.2750, 0.2839

Triad

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



50.9372, 0.2624, 0.2931



50.9372, 0.3507, 0.3185



50.9372, 0.3259, 0.3764

Complementary

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



50.9372, 0.2624, 0.2931



50.1846, 0.3764, 0.3622

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.



50.9372, 0.3506, 0.3759



50.9372, 0.2624, 0.2931



50.9372, 0.3656, 0.3415

Square

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



50.9372, 0.2624, 0.2931



50.9372, 0.3255, 0.2987



50.9372, 0.3654, 0.3626



50.9372, 0.2985, 0.3625

Rectangle

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



50.9372, 0.2624, 0.2931



50.9372, 0.2893, 0.2842



50.9372, 0.3654, 0.3626



50.9372, 0.3349, 0.3779

Sweetspot

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



50.9392, 0.2624, 0.2931



89.3106, 0.2972, 0.3190



62.6040, 0.2919, 0.3867



18.8108, 0.2950, 0.3175



0.0000, 0.0000, 0.0000



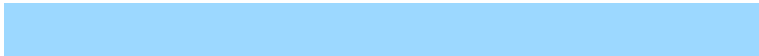
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9392, 0.2624, 0.2931



63.5048, 0.2517, 0.2839



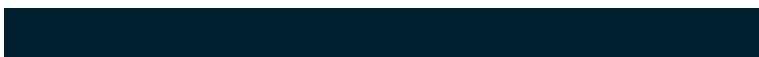
36.8546, 0.2565, 0.2452



14.6298, 0.2981, 0.3197



13.7457, 0.1880, 0.1967



1.1252, 0.1942, 0.2193

Inverse Universe

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



41.7731, 0.3421, 0.2783



49.8592, 0.3508, 0.2671



66.3304, 0.3640, 0.4008



13.8405, 0.3197, 0.3148



10.2957, 0.4491, 0.2247



0.7310, 0.4240, 0.2110

Previews

White Background



This preview shows how the Yxy color 50.9372, 0.2624, 0.2931 looks on a white background.

Color Contrast Check

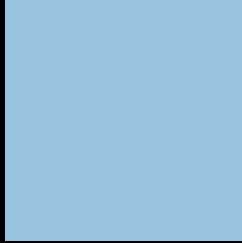
Large Text (above 18pt) WCAG AA × Fail

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 50.9372, 0.2624, 0.2931 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 50.9372, 0.2624, 0.2931

Background



This preview shows how black text looks on a background with the Yxy color 50.9372, 0.2624, 0.2931.



This preview shows how white text looks on a background with the Yxy color 50.9372, 0.2624, 0.2931.

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

50.9372, 0.2624, 0.2931

Protanopia

50.6699, 0.2869, 0.2910

Deuteranopia

50.5360, 0.2865, 0.2800



Tritanopia

51.1262, 0.2673, 0.3080

Trichromacy



Original Color

50.9372, 0.2624, 0.2931

Protanomaly

50.6521, 0.2770, 0.2916

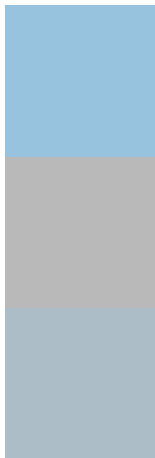
Deuteranomaly

50.4622, 0.2771, 0.2847

Tritanomaly

50.9736, 0.2654, 0.3017

Monochromacy



Original Color

50.9372, 0.2624, 0.2931

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.4029, 0.2926, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9372, 0.2624, 0.2931 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(151, 195, 223)` looks like.

```
.text, #text, p{  
    color:rgb(151, 195, 223)  
}
```

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(151, 195, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 195, 223) }
```

Border

The CSS property to change the border of an element to Yxy 50.9372, 0.2624, 0.2931 is called "border". The border property can be set on classes, ids or directly on the HTML element.

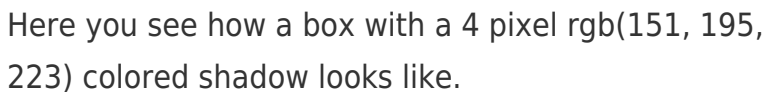
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 195, 223) }
```

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

```
.border{ border-color:rgb(151, 195, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 195, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 195, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 195, 223); box-shadow:4px 4px 4px 4px rgb(151, 195, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9372, 0.2624, 0.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 195, 223) }
```

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

```
.background{ background-color: rgb(151,  
195, 223) }
```

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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