

Converting Colors

$Yxy(51.0006, 0.2630, 0.2956)$

Have a look what the booklet for
Yxy(51.0006, 0.2630, 0.2956)
contains.

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Color

Yxy(50.7347, 0.2629, 0.2955)

Conversions

Conversions Part 1

Format	Color
Hex	96C3DD
RGB	150, 195, 221
RGB Percent	59%, 76%, 87%
CMY	0.4119, 0.2352, 0.1333
CMYK	0.32, 0.12, 0.00, 0.13
HSL	202°, 51%, 73%
HSV	202°, 32%, 87%
XYZ	45.1376, 50.7347, 75.8188
YIQ	184.5090, -35.1660, -1.4540

Conversions

Conversions Part 2

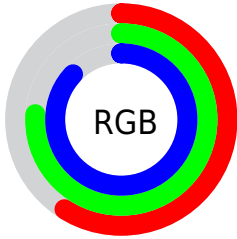
Format	Color
RYB	150, 178, 221
Decimal	9880541
CIELab	76.52, -8.69, -17.76
CIElCh	77, 19.769, 243.923
Yxy	50.7347, 0.2629, 0.2955
Android (android.graphics.Color)	4288070621 (0xFF96C3DD)
YUV	184.5090, 17.9901, -30.2644
Hunter-Lab	71.2283, -11.5336, -13.2513

Details

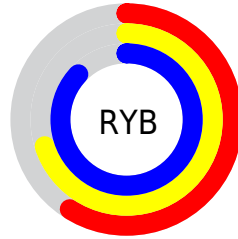
The Yxy color **50.7347, 0.2629, 0.2955** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.6014, 0.3766, 0.3601**, and the grayscale version is **48.1387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9626, 0.2836, 0.3258**, and **24.3443, 0.2501, 0.2853** is the 20% darker color. If you saturate the color by 10%, you get **45.3094, 0.2480, 0.2831**, and if you desaturate by 10%, it is **56.7555, 0.2784, 0.3070**.

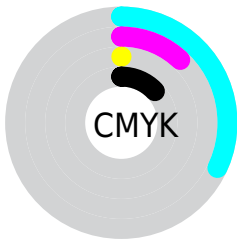
Distribution



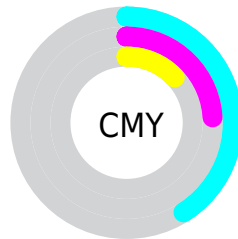
- Red (59%)
- Green (76%)
- Blue (87%)



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



- Cyan (32%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7347, 0.2629, 0.2955 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 50.7347, 0.2629, 0.2955 by changing the saturation by 10% instead.

 50.7347, 0.2629,
0.2955


 50.7347, 0.2629,
0.2955


389.5322, 0.2870,
0.3122

 35.9975, 0.2571,
0.2914


 91.2625, 0.2715,
0.3015

 24.4323, 0.2499,
0.2861


 117.8219, 0.2747,
0.3038

 15.6546, 0.2405,
0.2792


149.0908, 0.2775,
0.3057

 9.2801, 0.2279,
0.2697

185.4537, 0.2800,
0.3074

 4.9243, 0.2102,
0.2558

227.2948, 0.2821,
0.3088

 2.2029, 0.1837,
0.2342

274.9987, 0.2839,

 0.7216, 0.1294,

0.3101

0.1971

328.9497, 0.2855,
0.3112

0.0000, 0.0000,
0.0000

50.7347, 0.2629,
0.2955

50.7347, 0.2629,
0.2955

45.3094, 0.2480,
0.2831

56.7555, 0.2784,
0.3070

40.4482, 0.2339,
0.2699

63.3892, 0.2940,
0.3176

36.1255, 0.2212,
0.2561

70.6600, 0.3094,
0.3271

32.3106, 0.2101,
0.2420

78.5887, 0.3246,
0.3356

28.9686, 0.2010,
0.2278

86.1450, 0.3353,
0.3434

■ 26.0584, 0.1940,
0.2138

■ 90.8910, 0.3342,
0.3512

■ 24.0236, 0.1897,
0.2030

■ 95.8503, 0.3332,
0.3589

■ 98.0004, 0.3327,
0.3621

Harmonies

Analogous

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



50.7347, 0.2644, 0.3156



50.7347, 0.2629, 0.2955



50.7347, 0.2740, 0.2853

Triad

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



50.7347, 0.2629, 0.2955



50.7347, 0.3477, 0.3165



50.7347, 0.3285, 0.3759

Complementary

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



50.7347, 0.2629, 0.2955



48.6014, 0.3766, 0.3601

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.



50.7347, 0.3519, 0.3740



50.7347, 0.2629, 0.2955



50.7347, 0.3635, 0.3389

Square

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



50.7347, 0.2629, 0.2955



50.7347, 0.3224, 0.2976



50.7347, 0.3650, 0.3600



50.7347, 0.3015, 0.3637

Rectangle

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



50.7347, 0.2629, 0.2955



50.7347, 0.2873, 0.2848



50.7347, 0.3650, 0.3600



50.7347, 0.3370, 0.3769

Sweetspot

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



50.7367, 0.2629, 0.2955



89.6728, 0.2972, 0.3196



61.2806, 0.2934, 0.3896



18.8986, 0.2950, 0.3182



0.0000, 0.0000, 0.0000



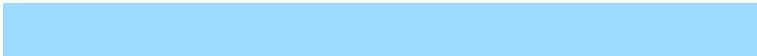
21.4041, 0.3127, 0.3290

Same Dimension

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



50.7367, 0.2629, 0.2955



64.7095, 0.2521, 0.2867



37.0557, 0.2572, 0.2489



13.9870, 0.2982, 0.3202



14.1786, 0.1903, 0.2051



1.0806, 0.1966, 0.2276

Inverse Universe

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



41.1122, 0.3403, 0.2767



49.9808, 0.3486, 0.2649



63.8353, 0.3645, 0.3981



13.1898, 0.3193, 0.3143



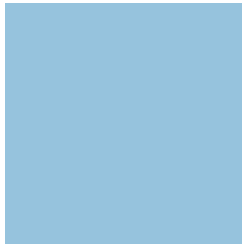
10.0551, 0.4395, 0.2195



0.6678, 0.4151, 0.2061

Previews

White Background



This preview shows how the Yxy color 50.7347, 0.2629, 0.2955 looks on a white background.

Color Contrast Check

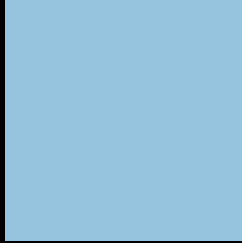
Large Text (above 18pt) WCAG AA × Fail

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 50.7347, 0.2629, 0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

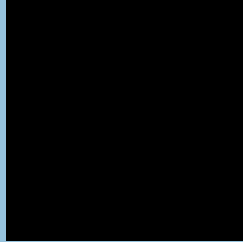
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7347, 0.2629, 0.2955

Background



This preview shows how black text looks on a background with the Yxy color 50.7347, 0.2629, 0.2955.



This preview shows how white text looks on a background with the Yxy color 50.7347, 0.2629, 0.2955.

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

50.7347, 0.2629, 0.2955

Protanopia

50.5658, 0.2883, 0.2934

Deuteranopia

50.4275, 0.2879, 0.2822



Tritanopia

50.5292, 0.2671, 0.3079

Trichromacy



Original Color

50.7347, 0.2629, 0.2955

Protanomaly

50.5468, 0.2783, 0.2939

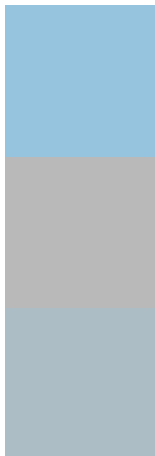
Deuteranomaly

50.3543, 0.2784, 0.2870

Tritanomaly

50.7757, 0.2660, 0.3042

Monochromacy



Original Color

50.7347, 0.2629, 0.2955

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.2431, 0.2926, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7347, 0.2629, 0.2955 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(150, 195, 221)` looks like.

```
.text, #text, p{  
    color:rgb(150, 195, 221)  
}
```

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(150, 195, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 195, 221) }
```

Border

The CSS property to change the border of an element to Yxy 50.7347, 0.2629, 0.2955 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(150, 195, 221) }
```

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

```
.border{ border-color:rgb(150, 195, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 195, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 195, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 195, 221);  
box-shadow:4px 4px 4px 4px rgb(150, 195,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7347, 0.2629, 0.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 195, 221) }
```

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

```
.background{ background-color: rgb(150,  
195, 221) }
```

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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