

Converting Colors

$Yxy(51.9767, 0.2606, 0.2918)$

Have a look what the booklet for
Yxy(51.9767, 0.2606, 0.2918)
contains.

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Color

Yxy(52.0028, 0.2610, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	97C5E2
RGB	151, 197, 226
RGB Percent	59%, 77%, 89%
CMY	0.4079, 0.2274, 0.1139
CMYK	0.33, 0.13, 0.00, 0.11
HSL	203°, 56%, 74%
HSV	203°, 33%, 89%
XYZ	46.4501, 52.0028, 79.5169
YIQ	186.5520, -36.7250, -0.7330

Conversions

Conversions Part 2

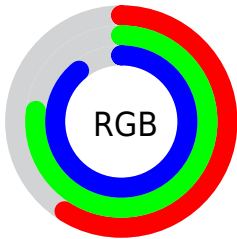
Format	Color
RYB	151, 180, 226
Decimal	9946594
CIELab	77.28, -8.24, -19.27
CIELCh	77, 20.962, 246.853
Yxy	52.0028, 0.2610, 0.2922
Android (android.graphics.Color)	4288136674 (0xFF97C5E2)
YUV	186.5520, 19.4479, -31.1791
Hunter-Lab	72.1130, -11.2205, -14.8983

Details

The Yxy color **52.0028, 0.2610, 0.2922** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.0167, 0.3788, 0.3629**, and the grayscale version is **49.3315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3690, 0.2843, 0.3279**, and **25.1266, 0.2471, 0.2809** is the 20% darker color. If you saturate the color by 10%, you get **46.1970, 0.2459, 0.2789**, and if you desaturate by 10%, it is **58.4565, 0.2766, 0.3045**.

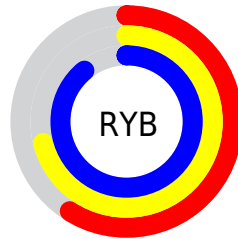
Distribution



Red (59%)

Green (77%)

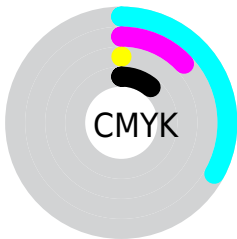
Blue (89%)



Red (59%)

Yellow (71%)

Blue (89%)

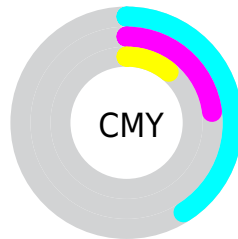


Cyan (33%)

Magenta (13%)

Yellow (0%)

Black (11%)



Cyan (41%)

Magenta (23%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0028, 0.2610, 0.2922 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 52.0028, 0.2610, 0.2922 by changing the saturation by 10% instead.

■ 52.0028, 0.2610,
0.2922

■ 52.0028, 0.2610,
0.2922

■ 394.4474, 0.2859,
0.3104

■ 37.0073, 0.2551,
0.2877

■ 93.1354, 0.2698,
0.2988

■ 25.2131, 0.2477,
0.2821

■ 120.0412, 0.2732,
0.3012

■ 16.2359, 0.2381,
0.2747

■ 151.6860, 0.2761,
0.3033

■ 9.6913, 0.2254,
0.2646

■ 188.4541, 0.2786,
0.3052

■ 5.1947, 0.2075,
0.2500

■ 230.7299, 0.2808,
0.3067

■ 2.3620, 0.1812,
0.2277

■ 278.8978, 0.2827,

■ 0.8062, 0.1337,

0.3081

0.1908

333.3422, 0.2844,
0.3093

0.0000, 0.0000,
0.0000

52.0028, 0.2610,
0.2922

52.0028, 0.2610,
0.2922

46.1970, 0.2459,
0.2789

58.4565, 0.2766,
0.3045

41.0052, 0.2317,
0.2648

65.5775, 0.2923,
0.3158

36.3996, 0.2188,
0.2501

73.3919, 0.3078,
0.3260

32.3466, 0.2076,
0.2351

81.9222, 0.3230,
0.3351

28.8082, 0.1984,
0.2201

89.4490, 0.3315,
0.3435

■ 25.7391, 0.1914,
0.2053

■ 94.7295, 0.3304,
0.3519

■ 23.8688, 0.1876,
0.1955

■ 98.2692, 0.3298,
0.3572

Harmonies

Analogous

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



52.0028, 0.2613, 0.3124



52.0028, 0.2610, 0.2922



52.0028, 0.2738, 0.2827

Triad

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



52.0028, 0.2610, 0.2922



52.0028, 0.3517, 0.3180



52.0028, 0.3265, 0.3779

Complementary

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



52.0028, 0.2610, 0.2922



51.0167, 0.3788, 0.3629

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.



52.0028, 0.3518, 0.3772



52.0028, 0.2610, 0.2922



52.0028, 0.3670, 0.3416

Square

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



52.0028, 0.2610, 0.2922



52.0028, 0.3257, 0.2977



52.0028, 0.3670, 0.3633



52.0028, 0.2983, 0.3636

Rectangle

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



52.0028, 0.2610, 0.2922



52.0028, 0.2884, 0.2830



52.0028, 0.3670, 0.3633



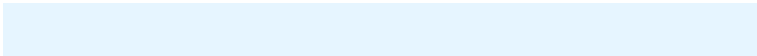
52.0028, 0.3357, 0.3793

Sweetspot

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



52.0048, 0.2610, 0.2922



89.3575, 0.2972, 0.3191



64.2375, 0.2914, 0.3886



18.8222, 0.2950, 0.3176



0.0000, 0.0000, 0.0000



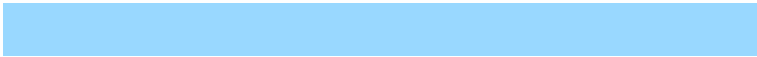
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0048, 0.2610, 0.2922



62.9043, 0.2502, 0.2829



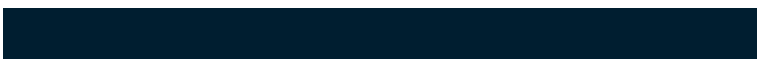
37.1165, 0.2547, 0.2423



14.6370, 0.2981, 0.3197



13.8581, 0.1883, 0.1977



1.1326, 0.1945, 0.2202

Inverse Universe

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



42.3239, 0.3430, 0.2765



48.9802, 0.3518, 0.2652



68.1367, 0.3655, 0.4029



13.8412, 0.3197, 0.3147



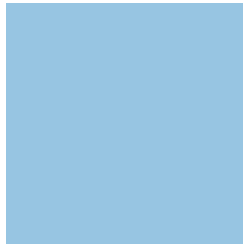
10.3070, 0.4478, 0.2241



0.7318, 0.4231, 0.2104

Previews

White Background



This preview shows how the Yxy color 52.0028, 0.2610, 0.2922 looks on a white background.

Color Contrast Check

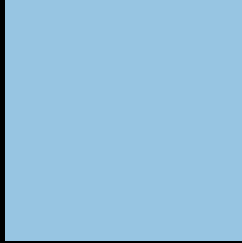
Large Text (above 18pt) WCAG AA × Fail

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 52.0028, 0.2610, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

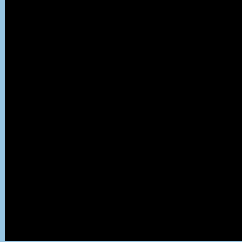
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

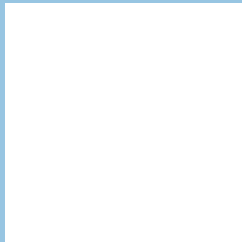
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0028, 0.2610, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 52.0028, 0.2610, 0.2922.



This preview shows how white text looks on a background with the Yxy color 52.0028, 0.2610, 0.2922.

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

52.0028, 0.2610, 0.2922

Protanopia

51.8768, 0.2872, 0.2914

Deuteranopia

51.6664, 0.2853, 0.2792



Tritanopia

52.0490, 0.2658, 0.3081

Trichromacy



Original Color

52.0028, 0.2610, 0.2922

Protanomaly

51.8574, 0.2773, 0.2919

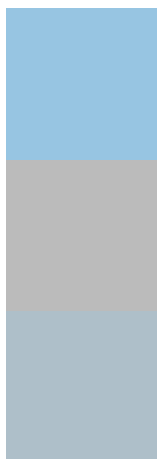
Deuteranomaly

51.6031, 0.2761, 0.2839

Tritanomaly

51.8922, 0.2639, 0.3019

Monochromacy



Original Color

52.0028, 0.2610, 0.2922

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.4773, 0.2921, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0028, 0.2610, 0.2922 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, 197, 226)` looks like.

```
.text, #text, p{  
    color:rgb(151, 197, 226)  
}
```

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, 197, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 197, 226) }
```

Border

The CSS property to change the border of an element to Yxy 52.0028, 0.2610, 0.2922 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, 197, 226) }
```

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

```
.border{ border-color:rgb(151, 197, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 197, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 197, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 197, 226);  
box-shadow:4px 4px 4px 4px rgb(151, 197,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0028, 0.2610, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 197, 226) }
```

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

```
.background{ background-color: rgb(151,  
197, 226) }
```

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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