

Converting Colors

$Y_{xy}(57.3222, 0.2571, 0.2924)$

Have a look what the booklet for
Yxy(57.3222, 0.2571, 0.2924)
contains.

Yxy(57.4155, 0.2572, 0.2922)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(57.4155, 0.2572, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	98CFED
RGB	152, 207, 237
RGB Percent	60%, 81%, 93%
CMY	0.4042, 0.1882, 0.0706
CMYK	0.36, 0.13, 0.00, 0.07
HSL	201°, 70%, 76%
HSV	201°, 36%, 93%
XYZ	50.5382, 57.4155, 88.5401
YIQ	193.9750, -42.4100, -2.3300

Conversions

Conversions Part 2

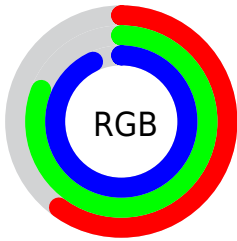
Format	Color
R_{YB}	152, 185, 237
Decimal	10014701
CIE _{Lab}	80.41, -10.50, -20.45
CIE _{LCh}	80, 22.987, 242.816
Yxy	57.4155, 0.2572, 0.2922
Android (android.graphics.Color)	4288204781 (0xFF98CFED)
YUV	193.9750, 21.2113, -36.8121
Hunter-Lab	75.7730, -13.5489, -16.2387

Details

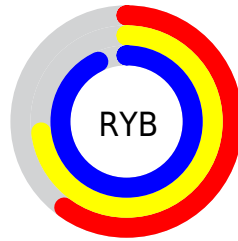
The Yxy color **57.4155, 0.2572, 0.2922** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.6923, 0.3871, 0.3628**, and the grayscale version is **53.8178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **28.6600, 0.2435, 0.2830** is the 20% darker color. If you saturate the color by 10%, you get **51.4142, 0.2426, 0.2799**, and if you desaturate by 10%, it is **64.0923, 0.2725, 0.3037**.

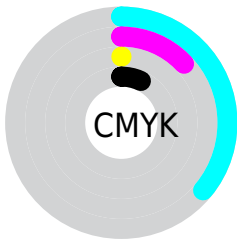
Distribution



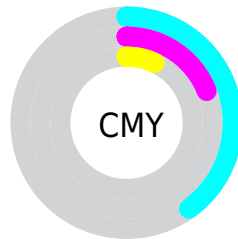
- Red (60%)
- Green (81%)
- Blue (93%)



- Red (60%)
- Yellow (73%)
- Blue (93%)



- Cyan (36%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4155, 0.2572, 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 57.4155, 0.2572, 0.2922 by changing the saturation by 10% instead.

■ 57.4155, 0.2572,
0.2922

■ 57.4155, 0.2572,
0.2922

■ 415.0044, 0.2834,
0.3102

■ 41.3389, 0.2511,
0.2879

■ 101.0712, 0.2664,
0.2986

■ 28.5840, 0.2436,
0.2824

■ 129.4191, 0.2699,
0.3011

■ 18.7664, 0.2339,
0.2753

■ 162.6263, 0.2730,
0.3032

■ 11.5016, 0.2213,
0.2658

■ 201.0771, 0.2756,
0.3049

■ 6.4053, 0.2040,
0.2523

■ 245.1559, 0.2779,
0.3065

■ 3.0930, 0.1792,
0.2321

■ 295.2471, 0.2800,

■ 1.1805, 0.1415,

0.3079

0.1991

351.7352, 0.2818,
0.3091

0.0457, 0.0000,
0.0282

0.0000, 0.0000,
0.0000

57.4155, 0.2572,
0.2922

57.4155, 0.2572,
0.2922

51.4142, 0.2426,
0.2799

64.0923, 0.2725,
0.3037

46.0510, 0.2292,
0.2669

71.4662, 0.2880,
0.3142

41.2945, 0.2172,
0.2535

79.5657, 0.3036,
0.3238

37.1070, 0.2071,
0.2398

88.4158, 0.3190,
0.3324

■ 33.4451, 0.1990,
0.2261

■ 94.9941, 0.3238,
0.3404

■ 30.2557, 0.1930,
0.2127

■ 98.8946, 0.3232,
0.3464

■ 29.0493, 0.1909,
0.2073

Harmonies

Analogous

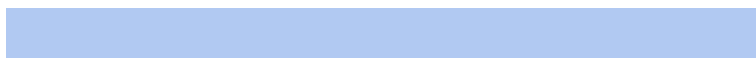
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.4155, 0.2594, 0.3148



57.4155, 0.2572, 0.2922



57.4155, 0.2689, 0.2806

Triad

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



57.4155, 0.2572, 0.2922



57.4155, 0.3508, 0.3141



57.4155, 0.3312, 0.3818

Complementary

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



57.4155, 0.2572, 0.2922



53.6923, 0.3871, 0.3628

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.



57.4155, 0.3571, 0.3788



57.4155, 0.2572, 0.2922



57.4155, 0.3691, 0.3388

Square

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



57.4155, 0.2572, 0.2922



57.4155, 0.3223, 0.2936



57.4155, 0.3713, 0.3625



57.4155, 0.3012, 0.3687

Rectangle

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



57.4155, 0.2572, 0.2922



57.4155, 0.2835, 0.2798



57.4155, 0.3713, 0.3625



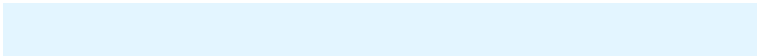
57.4155, 0.3407, 0.3826

Sweetspot

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



57.4177, 0.2572, 0.2922



88.9160, 0.2956, 0.3190



70.6040, 0.2913, 0.3983



18.7552, 0.2935, 0.3177



0.0000, 0.0000, 0.0000



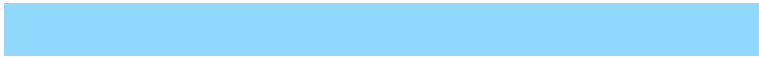
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4177, 0.2572, 0.2922



62.5633, 0.2465, 0.2833



39.5837, 0.2496, 0.2373



16.1765, 0.2981, 0.3205



16.1154, 0.1915, 0.2095



1.4451, 0.1967, 0.2279

Inverse Universe

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



44.9458, 0.3437, 0.2691



46.5940, 0.3523, 0.2570



73.7112, 0.3711, 0.4064



15.2184, 0.3192, 0.3139



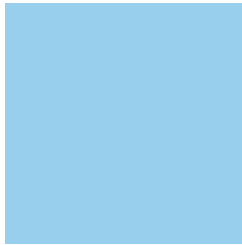
11.1197, 0.4347, 0.2168



0.8913, 0.4148, 0.2059

Previews

White Background



This preview shows how the Yxy color 57.4155, 0.2572, 0.2922 looks on a white background.

Color Contrast Check

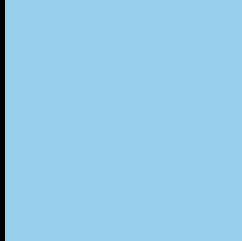
Large Text (above 18pt) WCAG AA × Fail

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 57.4155, 0.2572, 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 57.4155, 0.2572, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 57.4155, 0.2572, 0.2922.



This preview shows how white text looks on a background with the Yxy color 57.4155, 0.2572, 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

57.4155, 0.2572, 0.2922

Protanopia

56.9831, 0.2868, 0.2905

Deuteranopia

56.8806, 0.2837, 0.2767



Tritanopia

57.4815, 0.2618, 0.3076

Trichromacy



Original Color

57.4155, 0.2572, 0.2922

Protanomaly

57.1215, 0.2748, 0.2909

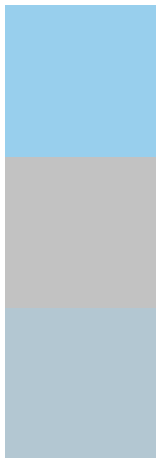
Deuteranomaly

56.9026, 0.2730, 0.2821

Tritanomaly

57.3090, 0.2600, 0.3016

Monochromacy



Original Color

57.4155, 0.2572, 0.2922

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.0837, 0.2900, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4155, 0.2572, 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(152, 207, 237)` looks like.

```
.text, #text, p{  
    color:rgb(152, 207, 237)  
}
```

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(152, 207, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 207, 237) }
```

Border

The CSS property to change the border of an element to Yxy 57.4155, 0.2572, 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(152, 207, 237) }
```

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

```
.border{ border-color:rgb(152, 207, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 207, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 207, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 207, 237);  
box-shadow:4px 4px 4px 4px rgb(152, 207,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4155, 0.2572, 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(152, 207, 237) }
```

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

```
.background{ background-color: rgb(152,  
207, 237) }
```

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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