

Converting Colors

$Y_{xy}(57.8292, 0.2535, 0.2863)$

Have a look what the booklet for
Yxy(57.8292, 0.2535, 0.2863)
contains.

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Color

Yxy(57.5807, 0.2530, 0.2852)

Conversions

Conversions Part 1

Format	Color
Hex	96CFF3
RGB	150, 207, 243
RGB Percent	59%, 81%, 95%
CMY	0.4115, 0.1883, 0.0470
CMYK	0.38, 0.15, 0.00, 0.05
HSL	203°, 80%, 77%
HSV	203°, 38%, 95%
XYZ	51.0797, 57.5807, 93.2355
YIQ	194.0610, -45.5280, -0.8880

Conversions

Conversions Part 2

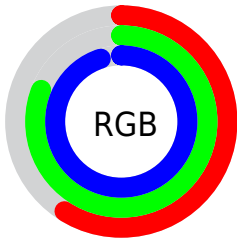
Format	Color
R _Y B	150, 185, 243
Decimal	9883635
CIE Lab	80.51, -9.46, -23.53
CIE LCh	81, 25.362, 248.103
Yxy	57.5807, 0.2530, 0.2852
Android (android.graphics.Color)	4288073715 (0xFF96CFF3)
YUV	194.0610, 24.1269, -38.6415
Hunter-Lab	75.8819, -12.6368, -19.7318

Details

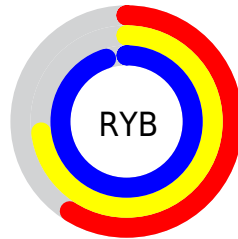
The Yxy color **57.5807, 0.2530, 0.2852** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.4252, 0.3923, 0.3686**, and the grayscale version is **53.8707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **28.8032, 0.2386, 0.2740** is the 20% darker color. If you saturate the color by 10%, you get **51.0807, 0.2382, 0.2714**, and if you desaturate by 10%, it is **64.8357, 0.2685, 0.2981**.

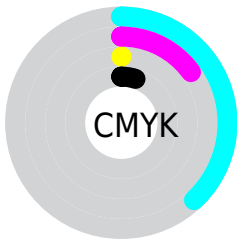
Distribution



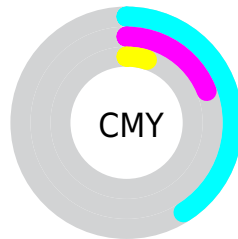
- Red (59%)
- Green (81%)
- Blue (95%)



- Red (59%)
- Yellow (73%)
- Blue (95%)



- Cyan (38%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



- Cyan (41%)
- Magenta (19%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5807, 0.2530, 0.2852 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 57.5807, 0.2530, 0.2852 by changing the saturation by 10% instead.

■ 57.5807, 0.2530,
0.2852

■ 57.5807, 0.2530,
0.2852

415.6217, 0.2811,
0.3065

■ 41.4716, 0.2465,
0.2801

■ 101.3120, 0.2628,
0.2928

■ 28.6878, 0.2385,
0.2738

■ 129.7031, 0.2666,
0.2956

■ 18.8448, 0.2282,
0.2656

162.9569, 0.2699,
0.2981

■ 11.5582, 0.2149,
0.2546

201.4579, 0.2727,
0.3002

■ 6.4436, 0.1968,
0.2393

245.5905, 0.2752,
0.3021

■ 3.1166, 0.1711,
0.2168

295.7391, 0.2774,

■ 1.1929, 0.1329,

0.3037

0.1812

352.2880, 0.2794,
0.3052

0.0559, 0.0000,
0.0284

0.0000, 0.0000,
0.0000

57.5807, 0.2530,
0.2852

57.5807, 0.2530,
0.2852

51.0807, 0.2382,
0.2714

64.8357, 0.2685,
0.2981

45.2946, 0.2246,
0.2568

72.8708, 0.2842,
0.3101

40.1867, 0.2125,
0.2418

81.7179, 0.2999,
0.3209

35.7143, 0.2023,
0.2266

91.4048, 0.3154,
0.3306

■ 31.8278, 0.1942,
0.2115

■ 98.6768, 0.3197,
0.3396

■ 28.4598, 0.1883,
0.1969

■ 99.2526, 0.3197,
0.3405

■ 27.9080, 0.1873,
0.1944

Harmonies

Analogous

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



57.5807, 0.2527, 0.3081



57.5807, 0.2530, 0.2852



57.5807, 0.2683, 0.2751

Triad

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



57.5807, 0.2530, 0.2852



57.5807, 0.3594, 0.3171



57.5807, 0.3272, 0.3862

Complementary

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



57.5807, 0.2530, 0.2852



56.4252, 0.3923, 0.3686

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.



57.5807, 0.3572, 0.3857



57.5807, 0.2530, 0.2852



57.5807, 0.3768, 0.3444

Square

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



57.5807, 0.2530, 0.2852



57.5807, 0.3291, 0.2936



57.5807, 0.3758, 0.3696



57.5807, 0.2943, 0.3688

Rectangle

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



57.5807, 0.2530, 0.2852



57.5807, 0.2855, 0.2759



57.5807, 0.3758, 0.3696



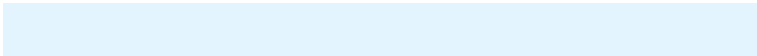
57.5807, 0.3380, 0.3881

Sweetspot

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



57.5829, 0.2530, 0.2852



88.3199, 0.2956, 0.3180



74.1395, 0.2885, 0.3999



18.6128, 0.2935, 0.3165



0.0000, 0.0000, 0.0000



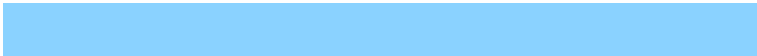
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5829, 0.2530, 0.2852



58.4573, 0.2413, 0.2744



38.4219, 0.2442, 0.2261



17.6161, 0.2980, 0.3196



15.5828, 0.1880, 0.1967



1.5686, 0.1931, 0.2150

Inverse Universe

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



45.3977, 0.3495, 0.2683



43.9805, 0.3602, 0.2561



79.0784, 0.3741, 0.4143



16.6531, 0.3198, 0.3146



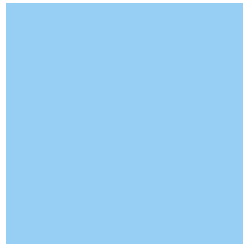
11.6725, 0.4491, 0.2248



1.0460, 0.4286, 0.2135

Previews

White Background



This preview shows how the Yxy color 57.5807, 0.2530, 0.2852 looks on a white background.

Color Contrast Check

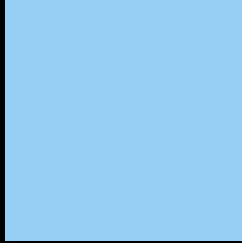
Large Text (above 18pt) WCAG AA × Fail

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 57.5807, 0.2530, 0.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

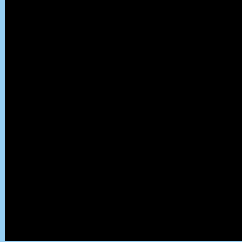
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5807, 0.2530, 0.2852

Background



This preview shows how black text looks on a background with the Yxy color 57.5807, 0.2530, 0.2852.

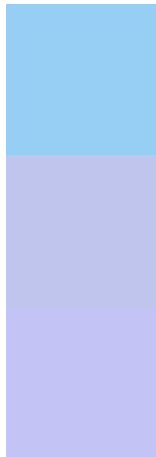


This preview shows how white text looks on a background with the Yxy color 57.5807, 0.2530, 0.2852.

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

57.5807, 0.2530, 0.2852

Protanopia

57.0650, 0.2815, 0.2838

Deuteranopia

57.2861, 0.2779, 0.2714



Tritanopia

57.7502, 0.2597, 0.3076

Trichromacy



Original Color

57.5807, 0.2530, 0.2852

Protanomaly

57.2354, 0.2699, 0.2841

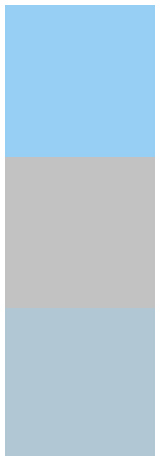
Deuteranomaly

57.0231, 0.2681, 0.2755

Tritanomaly

57.6872, 0.2569, 0.2991

Monochromacy



Original Color

57.5807, 0.2530, 0.2852

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.0653, 0.2879, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5807, 0.2530, 0.2852 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, 207, 243)` looks like.

```
.text, #text, p{  
    color:rgb(150, 207, 243)  
}
```

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, 207, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 207, 243) }
```

Border

The CSS property to change the border of an element to Yxy 57.5807, 0.2530, 0.2852 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, 207, 243) }
```

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

```
.border{ border-color:rgb(150, 207, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 207, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 207, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 207, 243);  
box-shadow:4px 4px 4px 4px rgb(150, 207,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5807, 0.2530, 0.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 207, 243) }
```

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

```
.background{ background-color: rgb(150,  
207, 243) }
```

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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