

Converting Colors

$Y_{xy}(53.8260, 0.2524, 0.2952)$

Have a look what the booklet for
Yxy(53.8260, 0.2524, 0.2952)
contains.

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Color

Yxy(53.8283, 0.2523, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	8ACBE6
RGB	138, 203, 230
RGB Percent	54%, 80%, 90%
CMY	0.4590, 0.2039, 0.0980
CMYK	0.40, 0.12, 0.00, 0.10
HSL	198°, 65%, 72%
HSV	198°, 40%, 90%
XYZ	46.1150, 53.8283, 82.8353
YIQ	186.6430, -47.4070, -5.3830

Conversions

Conversions Part 2

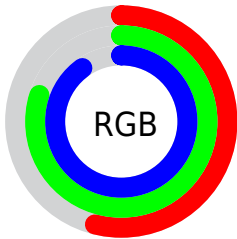
Format	Color
RYB	138, 176, 230
Decimal	9096166
CIELab	78.36, -13.84, -19.89
CIELCh	78, 24.228, 235.162
Yxy	53.8283, 0.2523, 0.2945
Android (android.graphics.Color)	4287286246 (0xFF8ACBE6)
YUV	186.6430, 21.3750, -42.6599
Hunter-Lab	73.3678, -16.1981, -15.5834

Details

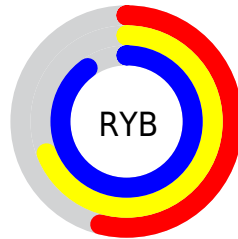
The Yxy color **53.8283, 0.2523, 0.2945** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **45.5532, 0.4010, 0.3605**, and the grayscale version is **49.3753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3421, 0.2778, 0.3289**, and **26.3899, 0.2378, 0.2858** is the 20% darker color. If you saturate the color by 10%, you get **48.9547, 0.2389, 0.2842**, and if you desaturate by 10%, it is **59.2601, 0.2667, 0.3042**.

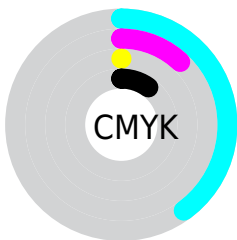
Distribution



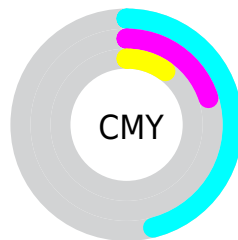
- Red (54%)
- Green (80%)
- Blue (90%)



- Red (54%)
- Yellow (69%)
- Blue (90%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8283, 0.2523, 0.2945 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 53.8283, 0.2523, 0.2945 by changing the saturation by 10% instead.

■ 53.8283, 0.2523,
0.2945

■ 53.8283, 0.2523,
0.2945

401.4549, 0.2811,
0.3117

■ 38.4644, 0.2456,
0.2903

■ 95.8221, 0.2624,
0.3007

■ 26.3433, 0.2372,
0.2848

■ 123.2208, 0.2663,
0.3031

■ 17.0807, 0.2264,
0.2777

■ 155.3999, 0.2697,
0.3051

■ 10.2920, 0.2122,
0.2680

192.7437, 0.2726,
0.3068

■ 5.5930, 0.1927,
0.2540

235.6368, 0.2751,
0.3083

■ 2.5992, 0.1646,
0.2324

284.4634, 0.2773,

■ 0.9263, 0.1154,

0.3096

0.1973

339.6080, 0.2793,
0.3107

0.0000, 0.0000,
0.0000

53.8283, 0.2523,
0.2945

53.8283, 0.2523,
0.2945

48.9547, 0.2389,
0.2842

59.2601, 0.2667,
0.3042

44.6049, 0.2268,
0.2734

65.2698, 0.2818,
0.3132

40.7497, 0.2164,
0.2623

71.8834, 0.2972,
0.3215

37.3535, 0.2080,
0.2511

79.1233, 0.3127,
0.3290

34.3745, 0.2016,
0.2400

87.0107, 0.3279,
0.3357

■ 31.7485, 0.1970,
0.2290

■ 91.3716, 0.3286,
0.3422

■ 95.4954, 0.3279,
0.3487

■ 98.4942, 0.3274,
0.3532

Harmonies

Analogous

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



53.8283, 0.2585, 0.3211



53.8283, 0.2523, 0.2945



53.8283, 0.2611, 0.2789

Triad

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



53.8283, 0.2523, 0.2945



53.8283, 0.3466, 0.3067



53.8283, 0.3404, 0.3868

Complementary

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



53.8283, 0.2523, 0.2945



45.5532, 0.4010, 0.3605

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.



53.8283, 0.3658, 0.3792



53.8283, 0.2523, 0.2945



53.8283, 0.3700, 0.3325

Square

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



53.8283, 0.2523, 0.2945



53.8283, 0.3145, 0.2867



53.8283, 0.3770, 0.3588



53.8283, 0.3084, 0.3771

Rectangle

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



53.8283, 0.2523, 0.2945



53.8283, 0.2747, 0.2759



53.8283, 0.3770, 0.3588



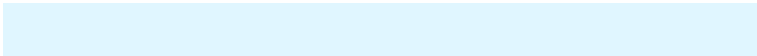
53.8283, 0.3500, 0.3861

Sweetspot

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



53.8304, 0.2523, 0.2945



89.0575, 0.2941, 0.3199



64.6845, 0.2927, 0.4163



18.8220, 0.2921, 0.3188



0.0000, 0.0000, 0.0000



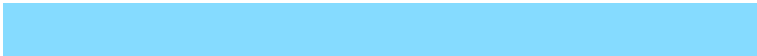
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8304, 0.2523, 0.2945



62.8876, 0.2411, 0.2860



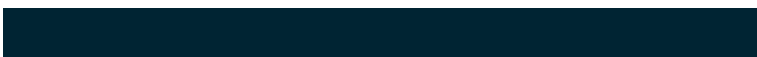
35.5312, 0.2427, 0.2333



15.5848, 0.2981, 0.3219



18.1923, 0.1974, 0.2308



1.5032, 0.2019, 0.2468

Inverse Universe

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



39.3002, 0.3429, 0.2567



43.0453, 0.3513, 0.2425



64.7873, 0.3805, 0.4089



14.5394, 0.3183, 0.3125



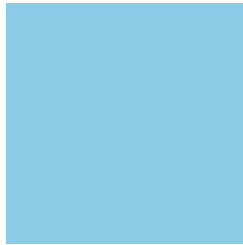
11.0342, 0.4118, 0.2042



0.8314, 0.3954, 0.1952

Previews

White Background



This preview shows how the Yxy color 53.8283, 0.2523, 0.2945 looks on a white background.

Color Contrast Check

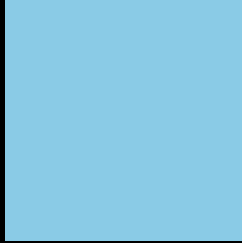
Large Text (above 18pt) WCAG AA × Fail

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 53.8283, 0.2523, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

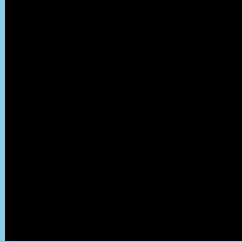
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8283, 0.2523, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 53.8283, 0.2523, 0.2945.



This preview shows how white text looks on a background with the Yxy color 53.8283, 0.2523, 0.2945.

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

53.8283, 0.2523, 0.2945

Protanopia

53.6646, 0.2882, 0.2931

Deuteranopia

53.4849, 0.2836, 0.2776



Tritanopia

54.1173, 0.2564, 0.3081

Trichromacy



Original Color

53.8283, 0.2523, 0.2945

Protanomaly

53.4621, 0.2738, 0.2933

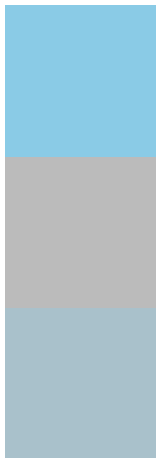
Deuteranomaly

53.1804, 0.2706, 0.2829

Tritanomaly

53.8859, 0.2552, 0.3031

Monochromacy



Original Color

53.8283, 0.2523, 0.2945

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.8867, 0.2871, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8283, 0.2523, 0.2945 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(138, 203, 230)` looks like.

```
.text, #text, p{  
    color:rgb(138, 203, 230)  
}
```

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(138, 203, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 203, 230) }
```

Border

The CSS property to change the border of an element to Yxy 53.8283, 0.2523, 0.2945 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(138, 203, 230) }
```

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

```
.border{ border-color:rgb(138, 203, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 203, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 203, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 203, 230);  
box-shadow:4px 4px 4px 4px rgb(138, 203,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8283, 0.2523, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 203, 230) }
```

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

```
.background{ background-color: rgb(138,  
203, 230) }
```

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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