

Converting Colors

$Yxy(53.4415, 0.2583, 0.3042)$

Have a look what the booklet for
Yxy(53.4415, 0.2583, 0.3042)
contains.

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Color

Yxy(53.6485, 0.2583, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	8DCBDE
RGB	141, 203, 222
RGB Percent	55%, 80%, 87%
CMY	0.4471, 0.2039, 0.1294
CMYK	0.36, 0.09, 0.00, 0.13
HSL	194°, 55%, 71%
HSV	194°, 36%, 87%
XYZ	45.5237, 53.6485, 77.0713
YIQ	186.6280, -43.0510, -7.2350

Conversions

Conversions Part 2

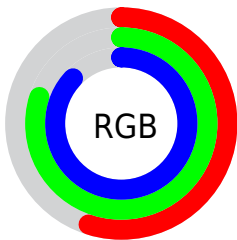
Format	Color
RYB	141, 176, 222
Decimal	9292766
CIELab	78.26, -15.07, -15.73
CIElCh	78, 21.786, 226.221
Yxy	53.6485, 0.2583, 0.3044
Android (android.graphics.Color)	4287482846 (0xFF8DCBDE)
YUV	186.6280, 17.4384, -40.0158
Hunter-Lab	73.2451, -17.2368, -11.1155

Details

The Yxy color **53.6485, 0.2583, 0.3044** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.5915, 0.3926, 0.3520**, and the grayscale version is **49.3910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **26.3111, 0.2448, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **49.4773, 0.2451, 0.2964**, and if you desaturate by 10%, it is **58.2966, 0.2725, 0.3119**.

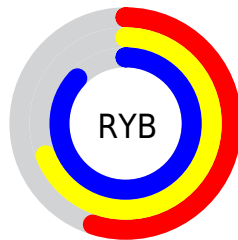
Distribution



Red (55%)

Green (80%)

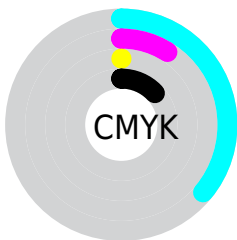
Blue (87%)



Red (55%)

Yellow (69%)

Blue (87%)

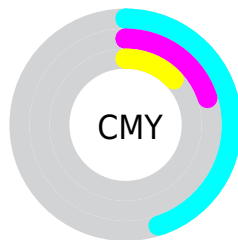


Cyan (36%)

Magenta (9%)

Yellow (0%)

Black (13%)



Cyan (45%)

Magenta (20%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6485, 0.2583, 0.3044 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 53.6485, 0.2583, 0.3044 by changing the saturation by 10% instead.

■ 53.6485, 0.2583,
0.3044

■ 53.6485, 0.2583,
0.3044

■ 400.7682, 0.2843,
0.3168

■ 38.3207, 0.2522,
0.3013

■ 95.5579, 0.2675,
0.3089

■ 26.2317, 0.2445,
0.2973

■ 122.9084, 0.2710,
0.3106

■ 16.9971, 0.2346,
0.2920

■ 155.0352, 0.2740,
0.3121

■ 10.2324, 0.2215,
0.2846

■ 192.3227, 0.2767,
0.3133

■ 5.5533, 0.2033,
0.2737

■ 235.1554, 0.2789,
0.3144

■ 2.5754, 0.1765,
0.2565

■ 283.9176, 0.2809,

■ 0.9143, 0.1249,

0.3153

0.2280

338.9938, 0.2827,
0.3161

0.0000, 0.0000,
0.0000

53.6485, 0.2583,
0.3044

53.6485, 0.2583,
0.3044

49.4773, 0.2451,
0.2964

58.2966, 0.2725,
0.3119

45.7525, 0.2333,
0.2881

63.4375, 0.2874,
0.3188

42.4493, 0.2232,
0.2795

69.0940, 0.3027,
0.3252

39.5376, 0.2149,
0.2708

75.2856, 0.3181,
0.3310

36.9823, 0.2086,
0.2621

82.0306, 0.3334,
0.3361

■ 34.7392, 0.2042,
0.2534

■ 85.5234, 0.3348,
0.3412

■ 34.0010, 0.2029,
0.2504

■ 88.5365, 0.3341,
0.3463

■ 91.6376, 0.3335,
0.3513

■ 94.8273, 0.3328,
0.3563

Harmonies

Analogous

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



53.6485, 0.2680, 0.3304



53.6485, 0.2583, 0.3044



53.6485, 0.2623, 0.2868

Triad

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



53.6485, 0.2583, 0.3044



53.6485, 0.3351, 0.3027



53.6485, 0.3456, 0.3804

Complementary

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



53.6485, 0.2583, 0.3044



42.5915, 0.3926, 0.3520

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.



53.6485, 0.3652, 0.3698



53.6485, 0.2583, 0.3044



53.6485, 0.3592, 0.3251

Square

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



53.6485, 0.2583, 0.3044



53.6485, 0.3056, 0.2869



53.6485, 0.3704, 0.3493



53.6485, 0.3177, 0.3763

Rectangle

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



53.6485, 0.2583, 0.3044



53.6485, 0.2723, 0.2815



53.6485, 0.3704, 0.3493



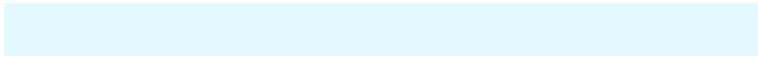
53.6485, 0.3534, 0.3784

Sweetspot

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



53.6506, 0.2583, 0.3044



90.9365, 0.2957, 0.3223



60.4447, 0.2966, 0.4127



19.2383, 0.2936, 0.3215



0.0000, 0.0000, 0.0000



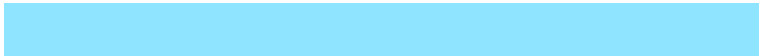
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6506, 0.2583, 0.3044



68.9050, 0.2479, 0.2982



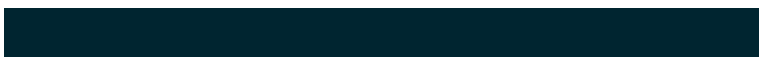
36.9846, 0.2505, 0.2491



14.9988, 0.2982, 0.3234



20.3713, 0.2033, 0.2517



1.5456, 0.2070, 0.2650

Inverse Universe

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



38.8880, 0.3347, 0.2581



46.4844, 0.3409, 0.2433



58.9503, 0.3756, 0.3976



13.8778, 0.3173, 0.3112



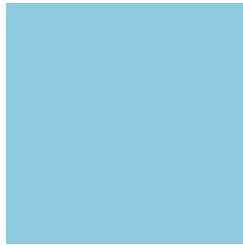
10.9645, 0.3905, 0.1925



0.7735, 0.3776, 0.1854

Previews

White Background



This preview shows how the Yxy color 53.6485, 0.2583, 0.3044 looks on a white background.

Color Contrast Check

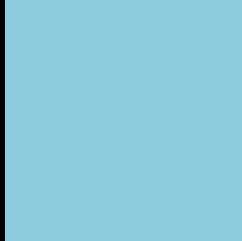
Large Text (above 18pt) WCAG AA × Fail

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 53.6485, 0.2583, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

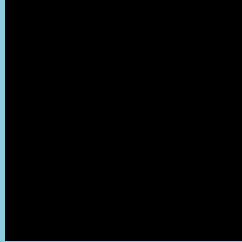
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6485, 0.2583, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 53.6485, 0.2583, 0.3044.



This preview shows how white text looks on a background with the Yxy color 53.6485, 0.2583, 0.3044.

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

53.6485, 0.2583, 0.3044

Protanopia

53.1150, 0.2945, 0.3000

Deuteranopia

53.1384, 0.2920, 0.2855



Tritanopia

53.4546, 0.2588, 0.3069

Trichromacy



Original Color

53.6485, 0.2583, 0.3044

Protanomaly

52.8628, 0.2795, 0.3004

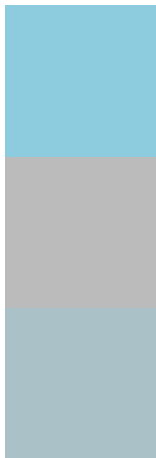
Deuteranomaly

52.7519, 0.2783, 0.2911

Tritanomaly

53.5078, 0.2583, 0.3056

Monochromacy



Original Color

53.6485, 0.2583, 0.3044

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.8561, 0.2898, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6485, 0.2583, 0.3044 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(141, 203, 222)` looks like.

```
.text, #text, p{  
    color:rgb(141, 203, 222)  
}
```

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(141, 203, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 203, 222) }
```

Border

The CSS property to change the border of an element to Yxy 53.6485, 0.2583, 0.3044 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(141, 203, 222) }
```

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

```
.border{ border-color:rgb(141, 203, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 203, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 203, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 203, 222); box-shadow:4px 4px 4px 4px rgb(141, 203, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6485, 0.2583, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 203, 222) }
```

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

```
.background{ background-color: rgb(141,  
203, 222) }
```

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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