

Converting Colors

$Yxy(53.9109, 0.2465, 0.3398)$

Have a look what the booklet for
Yxy(53.9109, 0.2465, 0.3398)
contains.

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Color

Yxy(53.8263, 0.2467, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	5ED4CC
RGB	94, 212, 204
RGB Percent	37%, 83%, 80%
CMY	0.6310, 0.1687, 0.1999
CMYK	0.56, 0.00, 0.04, 0.17
HSL	176°, 58%, 60%
HSV	176°, 56%, 83%
XYZ	39.0672, 53.8263, 65.4657
YIQ	175.8060, -67.7600, -27.5040

Conversions

Conversions Part 2

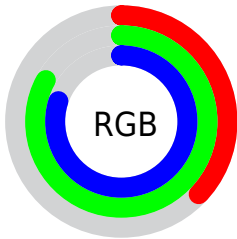
Format	Color
RYB	94, 155, 212
Decimal	6214860
CIELab	78.36, -34.97, -6.11
CIElCh	78, 35.497, 189.917
Yxy	53.8263, 0.2467, 0.3399
Android (android.graphics.Color)	4284404940 (0xFF5ED4CC)
YUV	175.8060, 13.8996, -71.7439
Hunter-Lab	73.3664, -33.3409, -1.5487

Details

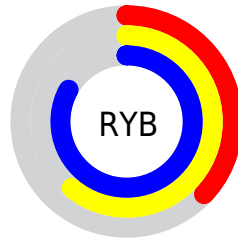
The Yxy color **53.8263, 0.2467, 0.3399** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **22.9800, 0.4674, 0.3201**, and the grayscale version is **43.2768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6100, 0.2579, 0.3288**, and **26.4093, 0.2299, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **52.7875, 0.2399, 0.3422**, and if you desaturate by 10%, it is **55.1777, 0.2554, 0.3377**.

Distribution



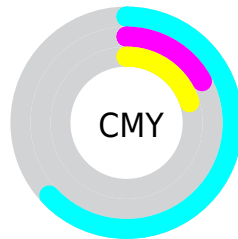
- Red (37%)
- Green (83%)
- Blue (80%)



- Red (37%)
- Yellow (61%)
- Blue (83%)



- Cyan (56%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)





- Cyan (63%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8263, 0.2467, 0.3399 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 53.8263, 0.2467, 0.3399 by changing the saturation by 10% instead.


 53.8263, 0.2467,
0.3399


 53.8263, 0.2467,
0.3399


401.4473, 0.2784,
0.3352

 38.4628, 0.2392,
0.3409


 95.8192, 0.2579,
0.3384


 26.3421, 0.2298,
0.3420


 123.2173, 0.2622,
0.3377

 17.0797, 0.2178,
0.3432


 155.3958, 0.2659,
0.3372

 10.2914, 0.2017,
0.3447


 192.7391, 0.2690,
0.3367

 5.5926, 0.1794,
0.3460

235.6314, 0.2718,
0.3363

 2.5990, 0.1468,
0.3466

284.4573, 0.2743,

 0.9261, 0.0106,

0.3359

0.3752

339.6012, 0.2764,
0.3355

0.0000, 0.0000,
0.0000

53.8263, 0.2467,
0.3399

53.8263, 0.2467,
0.3399

52.7875, 0.2399,
0.3422

55.1777, 0.2554,
0.3377

52.0291, 0.2350,
0.3444

56.8585, 0.2657,
0.3356

51.5233, 0.2321,
0.3467

58.8913, 0.2776,
0.3335

51.2331, 0.2308,
0.3490

61.2953, 0.2906,
0.3317

51.1440, 0.2305,
0.3499

64.0882, 0.3046,
0.3299

67.2865, 0.3192,
0.3283

70.9059, 0.3341,
0.3269

73.2746, 0.3426,
0.3255

73.3489, 0.3415,
0.3241

Harmonies

Analogous

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



53.8263, 0.2831, 0.3850



53.8263, 0.2467, 0.3399



53.8263, 0.2281, 0.2954

Triad

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



53.8263, 0.2467, 0.3399



53.8263, 0.2906, 0.2597



53.8263, 0.4016, 0.3867

Complementary

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



53.8263, 0.2467, 0.3399



22.9800, 0.4674, 0.3201

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.



53.8263, 0.4055, 0.3513



53.8263, 0.2467, 0.3399



53.8263, 0.3385, 0.2812

Square

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



53.8263, 0.2467, 0.3399



53.8263, 0.2519, 0.2534



53.8263, 0.3818, 0.3137



53.8263, 0.3730, 0.4107

Rectangle

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



53.8263, 0.2467, 0.3399



53.8263, 0.2271, 0.2732



53.8263, 0.3818, 0.3137



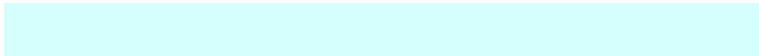
53.8263, 0.4060, 0.3757

Sweetspot

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



53.8284, 0.2467, 0.3399



92.4976, 0.2885, 0.3319



50.8315, 0.3100, 0.5039



19.6335, 0.2858, 0.3323



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.



53.8284, 0.2467, 0.3399



79.9094, 0.2387, 0.3426



33.2865, 0.2275, 0.2560



14.0927, 0.2992, 0.3306



31.5824, 0.2305, 0.3496



1.9094, 0.2294, 0.3457

Inverse Universe

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



22.9800, 0.4674, 0.3201



28.4632, 0.5226, 0.3197



34.5175, 0.4397, 0.3889



12.4343, 0.3281, 0.3275



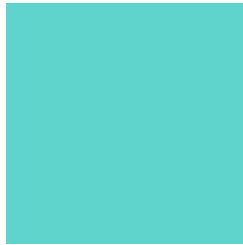
8.6666, 0.6323, 0.3257



0.5276, 0.6089, 0.3128

Previews

White Background



This preview shows how the Yxy color 53.8263, 0.2467, 0.3399 looks on a white background.

Color Contrast Check

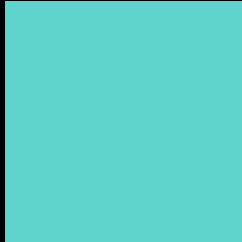
Large Text (above 18pt) WCAG AA × Fail

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 53.8263, 0.2467, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

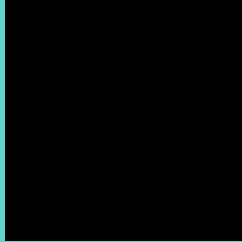
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

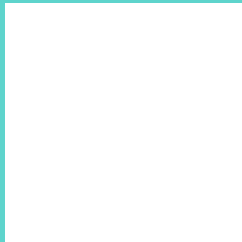
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8263, 0.2467, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 53.8263, 0.2467, 0.3399.

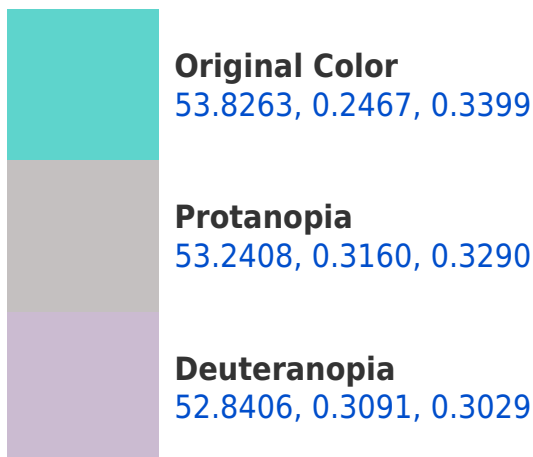


This preview shows how white text looks on a background with the Yxy color 53.8263, 0.2467, 0.3399.

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





Tritanopia

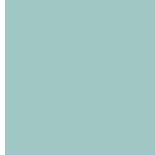
53.9167, 0.2386, 0.3062

Trichromacy



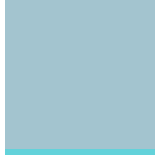
Original Color

53.8263, 0.2467, 0.3399



Protanomaly

52.2033, 0.2849, 0.3329



Deuteranomaly

51.7714, 0.2803, 0.3148



Tritanomaly

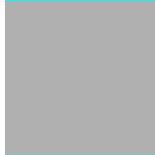
53.8078, 0.2414, 0.3180

Monochromacy



Original Color

53.8263, 0.2467, 0.3399



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

46.0514, 0.2815, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8263, 0.2467, 0.3399 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(94, 212, 204)` looks like.

```
.text, #text, p{  
    color:rgb(94, 212, 204)  
}
```

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(94, 212, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 212, 204) }
```

Border

The CSS property to change the border of an element to Yxy 53.8263, 0.2467, 0.3399 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(94, 212, 204) }
```

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

```
.border{ border-color:rgb(94, 212, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 212, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 212, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 212, 204);  
box-shadow:4px 4px 4px 4px rgb(94, 212,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8263, 0.2467, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 212, 204) }
```

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

```
.background{ background-color: rgb(94, 212,  
204) }
```

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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