

Converting Colors

$Yxy(53.2385, 0.2895, 0.3585)$

Have a look what the booklet for
Yxy(53.2385, 0.2895, 0.3585)
contains.

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Color

Yxy(53.2385, 0.2895, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	98CCB6
RGB	152, 204, 182
RGB Percent	60%, 80%, 71%
CMY	0.4038, 0.2000, 0.2862
CMYK	0.25, 0.00, 0.11, 0.20
HSL	155°, 34%, 70%
HSV	155°, 25%, 80%
XYZ	42.9918, 53.2385, 52.2732
YIQ	185.9440, -23.9300, -17.8660

Conversions

Conversions Part 2

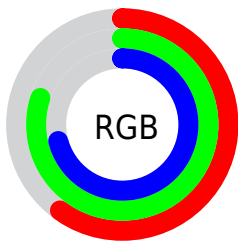
Format	Color
RYB	152, 185, 204
Decimal	10013878
CIELab	78.02, -21.43, 5.49
CIELCh	78, 22.120, 165.625
Yxy	53.2385, 0.2895, 0.3585
Android (android.graphics.Color)	4288203958 (0xFF98CCB6)
YUV	185.9440, -1.9444, -29.7689
Hunter-Lab	72.9647, -22.5137, 8.5989

Details

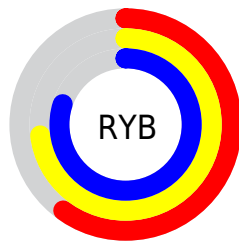
The Yxy color **53.2385, 0.2895, 0.3585** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.3632, 0.3439, 0.3014**, and the grayscale version is **49.0967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9584, 0.2933, 0.3468**, and **26.1070, 0.2835, 0.3678** is the 20% darker color. If you saturate the color by 10%, you get **51.0920, 0.2814, 0.3722**, and if you desaturate by 10%, it is **55.7499, 0.2983, 0.3460**.

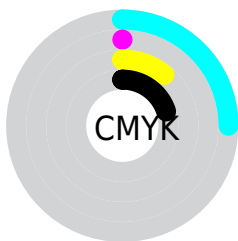
Distribution



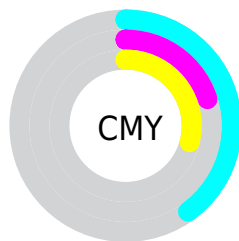
- Red (60%)
- Green (80%)
- Blue (71%)



- Red (60%)
- Yellow (73%)
- Blue (80%)



- Cyan (25%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)





- Cyan (40%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2385, 0.2895, 0.3585 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 53.2385, 0.2895, 0.3585 by changing the saturation by 10% instead.

 53.2385, 0.2895,
0.3585


 53.2385, 0.2895,
0.3585

399.1995, 0.3010,
0.3438

 37.9932, 0.2867,
0.3622


 94.9552, 0.2936,
0.3532

 25.9774, 0.2831,
0.3669


 122.1954, 0.2952,
0.3512

 16.8067, 0.2783,
0.3731


154.2027, 0.2965,
0.3495

 10.0968, 0.2717,
0.3819

191.3615, 0.2977,
0.3480

 5.4632, 0.2620,
0.3949

234.0562, 0.2987,
0.3467

 2.5215, 0.2463,
0.4163

282.6712, 0.2995,

 0.8874, 0.1790,

0.3456

0.4957

337.5908, 0.3003,
0.3447

0.0000, 0.0000,
0.0000

53.2385, 0.2895,
0.3585

53.2385, 0.2895,
0.3585

51.0920, 0.2814,
0.3722

55.7499, 0.2983,
0.3460

49.2862, 0.2743,
0.3869

58.6361, 0.3076,
0.3347

47.8040, 0.2686,
0.4025

61.9148, 0.3170,
0.3246

46.6241, 0.2646,
0.4188

65.6004, 0.3265,
0.3156

45.7226, 0.2624,
0.4353

69.7068, 0.3358,
0.3076

■ 45.0720, 0.2623,
0.4518

■ 70.3722, 0.3302,
0.2992

■ 44.6383, 0.2641,
0.4679

■ 70.8799, 0.3239,
0.2909

■ 44.4840, 0.2653,
0.4750

■ 71.4121, 0.3178,
0.2828

■ 71.6633, 0.3151,
0.2791

Harmonies

Analogous

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



53.2385, 0.3184, 0.3774



53.2385, 0.2895, 0.3585



53.2385, 0.2675, 0.3309

Triad

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



53.2385, 0.2895, 0.3585



53.2385, 0.2782, 0.2801



53.2385, 0.3714, 0.3492

Complementary

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



53.2385, 0.2895, 0.3585



38.3632, 0.3439, 0.3014

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.



53.2385, 0.3597, 0.3245



53.2385, 0.2895, 0.3585



53.2385, 0.3048, 0.2859

Square

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



53.2385, 0.2895, 0.3585



53.2385, 0.2612, 0.2863



53.2385, 0.3349, 0.3019



53.2385, 0.3664, 0.3702

Rectangle

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



53.2385, 0.2895, 0.3585



53.2385, 0.2593, 0.3126



53.2385, 0.3349, 0.3019



53.2385, 0.3693, 0.3411

Sweetspot

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



53.2407, 0.2895, 0.3585



95.7907, 0.3051, 0.3375



54.5142, 0.3267, 0.3972



20.3439, 0.3037, 0.3392



0.0000, 0.0000, 0.0000



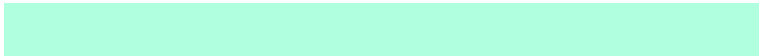
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2407, 0.2895, 0.3585



85.9944, 0.2846, 0.3665



52.5939, 0.2753, 0.3244



12.6437, 0.3039, 0.3390



28.0193, 0.2647, 0.4728



1.4605, 0.2560, 0.4417

Inverse Universe

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



38.3632, 0.3439, 0.3014



56.9140, 0.3536, 0.2946



38.7160, 0.3651, 0.3336



11.2911, 0.3225, 0.3192



8.5238, 0.5264, 0.2674



0.4548, 0.4766, 0.2399

Previews

White Background



This preview shows how the Yxy color 53.2385, 0.2895, 0.3585 looks on a white background.

Color Contrast Check

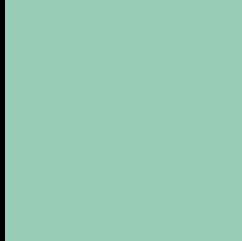
Large Text (above 18pt) WCAG AA × Fail

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 53.2385, 0.2895, 0.3585 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 53.2385, 0.2895, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 53.2385, 0.2895, 0.3585.

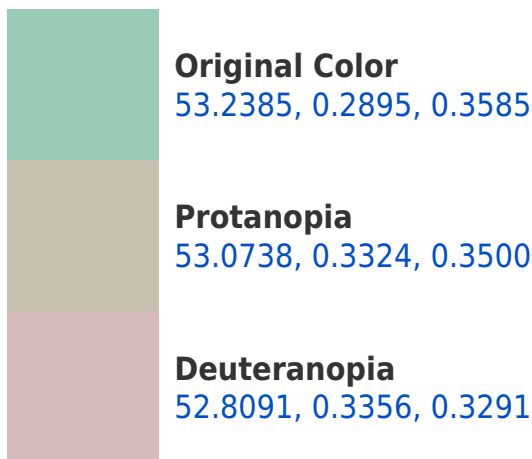


This preview shows how white text looks on a background with the Yxy color 53.2385, 0.2895, 0.3585.

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

53.1241, 0.2729, 0.3085

Trichromacy



Original Color

53.2385, 0.2895, 0.3585

Protanomaly

52.7615, 0.3156, 0.3520

Deuteranomaly

52.7191, 0.3171, 0.3390

Tritanomaly

53.1530, 0.2786, 0.3263

Monochromacy



Original Color

53.2385, 0.2895, 0.3585

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.6414, 0.3035, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2385, 0.2895, 0.3585 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, 204, 182)` looks like.

```
.text, #text, p{  
    color:rgb(152, 204, 182)  
}
```

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, 204, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 204, 182) }
```

Border

The CSS property to change the border of an element to Yxy 53.2385, 0.2895, 0.3585 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, 204, 182) }
```

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

```
.border{ border-color:rgb(152, 204, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 204, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 204, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 204, 182);  
box-shadow:4px 4px 4px 4px rgb(152, 204,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2385, 0.2895, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 204, 182) }
```

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

```
.background{ background-color: rgb(152,  
204, 182) }
```

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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