

Converting Colors

$Yxy(53.5754, 0.2900, 0.3823)$

Have a look what the booklet for
Yxy(53.5754, 0.2900, 0.3823)
contains.

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Color

Yxy(53.6390, 0.2906, 0.3829)

Conversions

Conversions Part 1

Format	Color
Hex	8DD0A9
RGB	141, 208, 169
RGB Percent	55%, 82%, 66%
CMY	0.4468, 0.1843, 0.3373
CMYK	0.32, 0.00, 0.19, 0.18
HSL	145°, 42%, 68%
HSV	145°, 32%, 82%
XYZ	40.7090, 53.6390, 45.7381
YIQ	183.5210, -27.4130, -26.3330

Conversions

Conversions Part 2

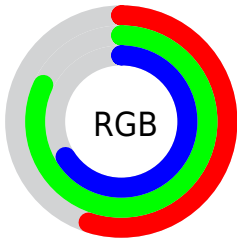
Format	Color
RYB	141, 188, 208
Decimal	9293993
CIELab	78.25, -29.36, 12.72
CIELCh	78, 31.993, 156.581
Yxy	53.6390, 0.2906, 0.3829
Android (android.graphics.Color)	4287484073 (0xFF8DD0A9)
YUV	183.5210, -7.1589, -37.2909
Hunter-Lab	73.2387, -28.9500, 14.2400

Details

The Yxy color **53.6390, 0.2906, 0.3829** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.7763, 0.3438, 0.2809**, and the grayscale version is **47.7144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6376, 0.2945, 0.3626**, and **26.1415, 0.2837, 0.3981** is the 20% darker color. If you saturate the color by 10%, you get **51.5505, 0.2848, 0.4033**, and if you desaturate by 10%, it is **56.1166, 0.2971, 0.3642**.

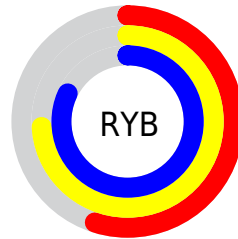
Distribution



Red (55%)

Green (82%)

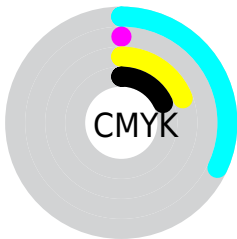
Blue (66%)



Red (55%)

Yellow (74%)

Blue (82%)

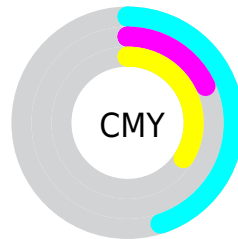


Cyan (32%)

Magenta (0%)

Yellow (19%)

Black (18%)



Cyan (45%)


Magenta (18%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6390, 0.2906, 0.3829 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 53.6390, 0.2906, 0.3829 by changing the saturation by 10% instead.


 53.6390, 0.2906,
0.3829


 53.6390, 0.2906,
0.3829

400.7319, 0.3019,
0.3556

 38.3131, 0.2877,
0.3898


 95.5440, 0.2947,
0.3729

 26.2258, 0.2840,
0.3988


 122.8919, 0.2963,
0.3692

 16.9926, 0.2790,
0.4108


155.0159, 0.2976,
0.3660

 10.2292, 0.2718,
0.4277

192.3005, 0.2987,
0.3633

 5.5512, 0.2610,
0.4534

235.1300, 0.2996,
0.3610

 2.5742, 0.2426,
0.4963

283.8888, 0.3005,

 0.9137, 0.1294,

0.3590

0.7805

338.9613, 0.3012,
0.3572

0.0000, 0.0000,
0.0000

53.6390, 0.2906,
0.3829

53.6390, 0.2906,
0.3829

51.5505, 0.2848,
0.4033

56.1166, 0.2971,
0.3642

49.8241, 0.2801,
0.4250

58.9954, 0.3040,
0.3472

48.4397, 0.2768,
0.4476

62.2952, 0.3112,
0.3321

47.3725, 0.2752,
0.4704


66.0324, 0.3183,
0.3186


46.5940, 0.2755,
0.4928

70.2228, 0.3253,
0.3068

 46.0704, 0.2776,
0.5137

 72.7624, 0.3241,
0.2956

 45.7930, 0.2802,
0.5289

 73.5139, 0.3157,
0.2842

 73.5885, 0.3149,
0.2831

Harmonies

Analogous

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



53.6390, 0.3328, 0.4044



53.6390, 0.2906, 0.3829



53.6390, 0.2559, 0.3438

Triad

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



53.6390, 0.2906, 0.3829



53.6390, 0.2545, 0.2606



53.6390, 0.3951, 0.3459

Complementary

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



53.6390, 0.2906, 0.3829



35.7763, 0.3438, 0.2809

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.



53.6390, 0.3714, 0.3117



53.6390, 0.2906, 0.3829



53.6390, 0.2884, 0.2644

Square

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



53.6390, 0.2906, 0.3829



53.6390, 0.2363, 0.2735



53.6390, 0.3313, 0.2827



53.6390, 0.3947, 0.3786

Rectangle

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



53.6390, 0.2906, 0.3829



53.6390, 0.2411, 0.3158



53.6390, 0.3313, 0.2827



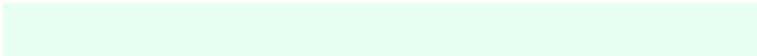
53.6390, 0.3897, 0.3343

Sweetspot

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



53.6412, 0.2906, 0.3829



94.5599, 0.3055, 0.3440



56.7497, 0.3381, 0.4151



20.0880, 0.3045, 0.3462



0.0000, 0.0000, 0.0000



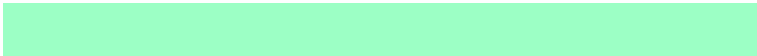
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6412, 0.2906, 0.3829



82.5763, 0.2863, 0.3976



55.0610, 0.2703, 0.3362



13.2869, 0.3060, 0.3429



28.5611, 0.2795, 0.5262



1.6126, 0.2693, 0.4893

Inverse Universe

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



35.7763, 0.3438, 0.2809



49.7160, 0.3534, 0.2698



34.5736, 0.3800, 0.3221



11.9221, 0.3201, 0.3155



9.2412, 0.4599, 0.2307



0.5323, 0.4276, 0.2129

Previews

White Background



This preview shows how the Yxy color 53.6390, 0.2906, 0.3829 looks on a white background.

Color Contrast Check

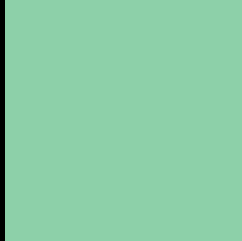
Large Text (above 18pt) WCAG AA × Fail

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 53.6390, 0.2906, 0.3829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

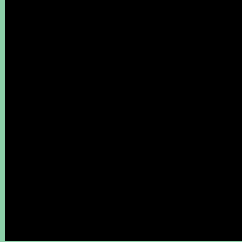
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

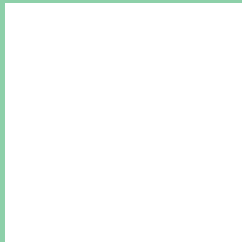
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6390, 0.2906, 0.3829

Background



This preview shows how black text looks on a background with the Yxy color 53.6390, 0.2906, 0.3829.

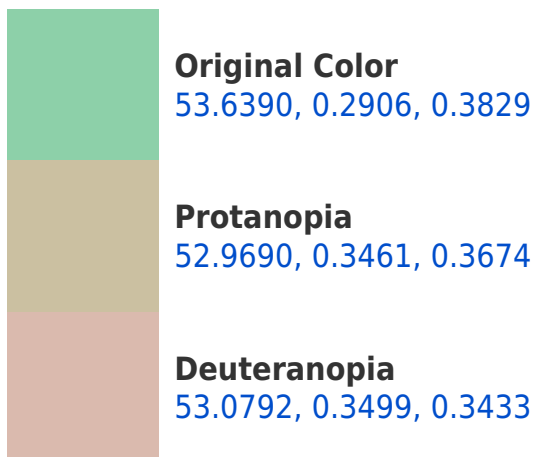


This preview shows how white text looks on a background with the Yxy color 53.6390, 0.2906, 0.3829.

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

53.3624, 0.2668, 0.3084

Trichromacy



Original Color

53.6390, 0.2906, 0.3829



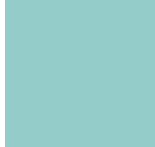
Protanomaly

52.7718, 0.3233, 0.3732



Deuteranomaly

52.5093, 0.3261, 0.3569



Tritanomaly

53.5589, 0.2749, 0.3342

Monochromacy



Original Color

53.6390, 0.2906, 0.3829



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

49.7194, 0.3031, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6390, 0.2906, 0.3829 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, 208, 169)` looks like.

```
.text, #text, p{  
    color:rgb(141, 208, 169)  
}
```

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, 208, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 208, 169) }
```

Border

The CSS property to change the border of an element to Yxy 53.6390, 0.2906, 0.3829 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, 208, 169) }
```

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

```
.border{ border-color:rgb(141, 208, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 208, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 208, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 208, 169);  
box-shadow:4px 4px 4px 4px rgb(141, 208,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6390, 0.2906, 0.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 208, 169) }
```

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

```
.background{ background-color: rgb(141,  
208, 169) }
```

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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