

Converting Colors

$Y_{xy}(53.5720, 0.2866, 0.3508)$

Have a look what the booklet for
Yxy(53.5720, 0.2866, 0.3508)
contains.

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Color

Yxy(53.5889, 0.2863, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	99CCBC
RGB	153, 204, 188
RGB Percent	60%, 80%, 74%
CMY	0.3999, 0.2000, 0.2627
CMYK	0.25, 0.00, 0.08, 0.20
HSL	161°, 33%, 70%
HSV	161°, 25%, 80%
XYZ	43.8107, 53.5889, 55.6241
YIQ	186.9270, -25.2600, -15.7880

Conversions

Conversions Part 2

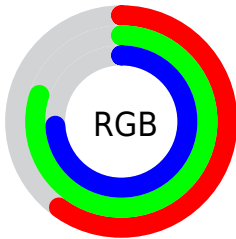
Format	Color
RYB	153, 183, 204
Decimal	10079420
CIELab	78.22, -19.89, 2.57
CIELCh	78, 20.058, 172.640
Yxy	53.5889, 0.2863, 0.3502
Android (android.graphics.Color)	4288269500 (0xFF99CCBC)
YUV	186.9270, 0.5290, -29.7540
Hunter-Lab	73.2044, -21.2808, 6.1918

Details

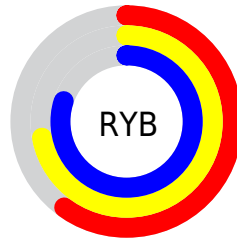
The Yxy color **53.5889, 0.2863, 0.3502** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.4891, 0.3487, 0.3089**, and the grayscale version is **49.6618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4616, 0.2907, 0.3404**, and **26.3287, 0.2794, 0.3563** is the 20% darker color. If you saturate the color by 10%, you get **51.5029, 0.2770, 0.3601**, and if you desaturate by 10%, it is **56.0309, 0.2965, 0.3411**.

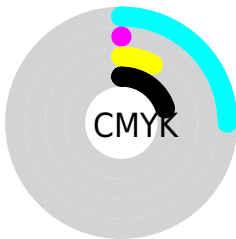
Distribution



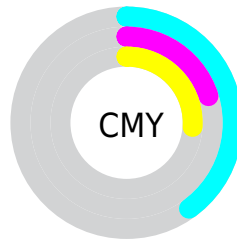
- Red (60%)
- Green (80%)
- Blue (74%)



- Red (60%)
- Yellow (72%)
- Blue (80%)



- Cyan (25%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)





- Cyan (40%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5889, 0.2863, 0.3502 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 53.5889, 0.2863, 0.3502 by changing the saturation by 10% instead.


 53.5889, 0.2863,
0.3502


 53.5889, 0.2863,
0.3502

400.5404, 0.2992,
0.3397

 38.2731, 0.2831,
0.3528


 95.4704, 0.2909,
0.3464

 26.1947, 0.2791,
0.3561


 122.8048, 0.2927,
0.3450

 16.9694, 0.2739,
0.3604


154.9143, 0.2942,
0.3438

 10.2127, 0.2667,
0.3664

192.1831, 0.2955,
0.3428

 5.5402, 0.2562,
0.3752

234.9958, 0.2966,
0.3419

 2.5676, 0.2397,
0.3894

283.7366, 0.2976,

 0.9104, 0.1806,

0.3411

338.7900, 0.2985,
0.3404

0.4333

0.0000, 0.0000,
0.0000

53.5889, 0.2863,
0.3502

53.5889, 0.2863,
0.3502

51.5029, 0.2770,
0.3601

56.0309, 0.2965,
0.3411

49.7489, 0.2687,
0.3707

58.8384, 0.3072,
0.3328

48.3101, 0.2620,
0.3819

62.0288, 0.3183,
0.3254

47.1656, 0.2569,
0.3936

65.6164, 0.3294,
0.3187

46.2920, 0.2538,
0.4056

69.6119, 0.3404,
0.3129

■ 45.6622, 0.2526,
0.4175

■ 69.9571, 0.3356,
0.3065

■ 45.2429, 0.2534,
0.4294

■ 70.3154, 0.3309,
0.3002

■ 45.0811, 0.2542,
0.4353

■ 70.6870, 0.3262,
0.2940

■ 71.0719, 0.3217,
0.2879

Harmonies

Analogous

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



53.5889, 0.3116, 0.3697



53.5889, 0.2863, 0.3502



53.5889, 0.2685, 0.3249

Triad

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



53.5889, 0.2863, 0.3502



53.5889, 0.2865, 0.2848



53.5889, 0.3660, 0.3525

Complementary

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



53.5889, 0.2863, 0.3502



38.4891, 0.3487, 0.3089

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.



53.5889, 0.3589, 0.3303



53.5889, 0.2863, 0.3502



53.5889, 0.3120, 0.2925

Square

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



53.5889, 0.2863, 0.3502



53.5889, 0.2686, 0.2880



53.5889, 0.3388, 0.3088



53.5889, 0.3582, 0.3698

Rectangle

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



53.5889, 0.2863, 0.3502



53.5889, 0.2628, 0.3090



53.5889, 0.3388, 0.3088



53.5889, 0.3653, 0.3453

Sweetspot

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



53.5911, 0.2863, 0.3502



96.4153, 0.3049, 0.3345



53.9386, 0.3218, 0.3968



20.5739, 0.3043, 0.3350



0.0000, 0.0000, 0.0000



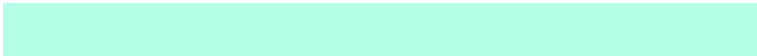
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5911, 0.2863, 0.3502



86.8154, 0.2811, 0.3555



50.0080, 0.2752, 0.3166



12.6649, 0.3024, 0.3364



28.3923, 0.2538, 0.4336



1.4780, 0.2474, 0.4106

Inverse Universe

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



38.4891, 0.3487, 0.3089



57.5868, 0.3592, 0.3043



41.1063, 0.3621, 0.3411



11.2706, 0.3242, 0.3218



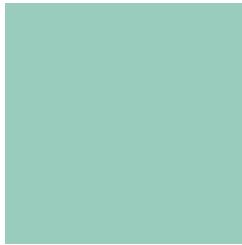
8.3274, 0.5695, 0.2911



0.4433, 0.5131, 0.2600

Previews

White Background



This preview shows how the Yxy color 53.5889, 0.2863, 0.3502 looks on a white background.

Color Contrast Check

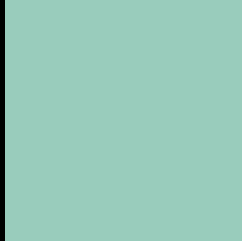
Large Text (above 18pt) WCAG AA × Fail

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 53.5889, 0.2863, 0.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

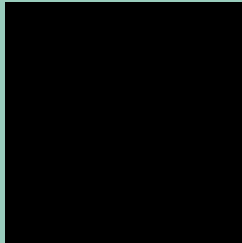
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

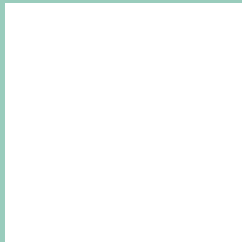
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5889, 0.2863, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 53.5889, 0.2863, 0.3502.



This preview shows how white text looks on a background with the Yxy color 53.5889, 0.2863, 0.3502.

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

53.5889, 0.2863, 0.3502

Protanopia

53.1776, 0.3269, 0.3426

Deuteranopia

53.3435, 0.3298, 0.3231



Tritanopia

53.6373, 0.2724, 0.3086

Trichromacy



Original Color

53.5889, 0.2863, 0.3502

Protanomaly

52.8856, 0.3104, 0.3443

Deuteranomaly

52.9779, 0.3126, 0.3315

Tritanomaly

53.3976, 0.2774, 0.3224

Monochromacy



Original Color

53.5889, 0.2863, 0.3502

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.8417, 0.3028, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5889, 0.2863, 0.3502 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(153, 204, 188)` looks like.

```
.text, #text, p{  
    color:rgb(153, 204, 188)  
}
```

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(153, 204, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 204, 188) }
```

Border

The CSS property to change the border of an element to Yxy 53.5889, 0.2863, 0.3502 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(153, 204, 188) }
```

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

```
.border{ border-color:rgb(153, 204, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 204, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 204, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 204, 188); box-shadow:4px 4px 4px 4px rgb(153, 204, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5889, 0.2863, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 204, 188) }
```

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

```
.background{ background-color: rgb(153,  
204, 188) }
```

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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