

Converting Colors

$Yxy(53.6028, 0.2818, 0.3291)$

Have a look what the booklet for
Yxy(53.6028, 0.2818, 0.3291)
contains.

Yxy(53.3613, 0.2819, 0.3289)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.3613, 0.2819, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	9FC9C9
RGB	159, 201, 201
RGB Percent	62%, 79%, 79%
CMY	0.3762, 0.2118, 0.2118
CMYK	0.21, 0.00, 0.00, 0.21
HSL	180°, 28%, 71%
HSV	180°, 21%, 79%
XYZ	45.7359, 53.3613, 63.1445
YIQ	188.4420, -25.0320, -8.9040

Conversions

Conversions Part 2

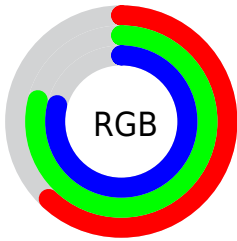
Format	Color
RYB	159, 180, 201
Decimal	10471881
CIELab	78.09, -13.74, -4.56
CIELCh	78, 14.478, 198.374
Yxy	53.3613, 0.2819, 0.3289
Android (android.graphics.Color)	4288661961 (0xFF9FC9C9)
YUV	188.4420, 6.1911, -25.8206
Hunter-Lab	73.0488, -16.0764, -0.1170

Details

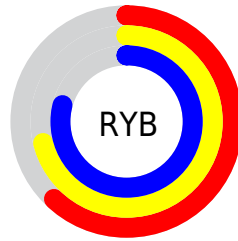
The Yxy color **53.3613, 0.2819, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.7424, 0.3541, 0.3291**, and the grayscale version is **50.5360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **26.0382, 0.2734, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **51.4707, 0.2688, 0.3289**, and if you desaturate by 10%, it is **55.5904, 0.2962, 0.3289**.

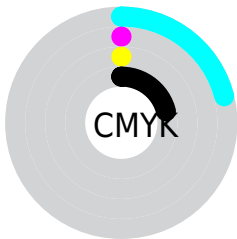
Distribution



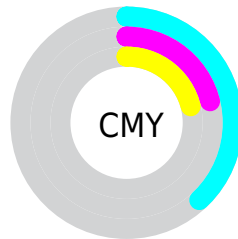
- Red (62%)
- Green (79%)
- Blue (79%)



- Red (62%)
- Yellow (71%)
- Blue (79%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)





- Cyan (38%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3613, 0.2819, 0.3289 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 53.3613, 0.2819, 0.3289 by changing the saturation by 10% instead.


 53.3613, 0.2819,
0.3289

 53.3613, 0.2819,
0.3289

399.6697, 0.2968,
0.3291

 38.0913, 0.2783,
0.3288


 95.1358, 0.2872,
0.3290

 26.0535, 0.2738,
0.3287


 122.4091, 0.2893,
0.3290

 16.8637, 0.2678,
0.3284


154.4522, 0.2910,
0.3291

 10.1374, 0.2598,
0.3280

191.6496, 0.2925,
0.3291

 5.4901, 0.2483,
0.3272

234.3857, 0.2938,
0.3291

 2.5376, 0.2306,
0.3257

283.0448, 0.2949,

 0.8954, 0.1879,

0.3291

0.3263

338.0113, 0.2959,
0.3291

0.0000, 0.0000,
0.0000

53.3613, 0.2819,
0.3289

53.3613, 0.2819,
0.3289

51.4707, 0.2688,
0.3289

55.5904, 0.2962,
0.3289

49.8960, 0.2571,
0.3288

58.1665, 0.3114,
0.3290

48.6219, 0.2471,
0.3288

61.1059, 0.3271,
0.3290

47.6293, 0.2390,
0.3288

64.4220, 0.3432,
0.3291

46.8967, 0.2327,
0.3287

67.2519, 0.3557,
0.3291

■ 46.4000, 0.2284,
0.3287

■ 67.2531, 0.3557,
0.3291

■ 46.1100, 0.2258,
0.3287

■ 67.2543, 0.3557,
0.3291

■ 45.9767, 0.2246,
0.3287

■ 67.2554, 0.3556,
0.3291

■ 67.2566, 0.3556,
0.3291

Harmonies

Analogous

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



53.3613, 0.2961, 0.3466



53.3613, 0.2819, 0.3289



53.3613, 0.2759, 0.3119

Triad

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



53.3613, 0.2819, 0.3289



53.3613, 0.3096, 0.3010



53.3613, 0.3470, 0.3573

Complementary

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



53.3613, 0.2819, 0.3289



39.7424, 0.3541, 0.3291

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.



53.3613, 0.3510, 0.3443



53.3613, 0.2819, 0.3289



53.3613, 0.3290, 0.3123

Square

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



53.3613, 0.2819, 0.3289



53.3613, 0.2914, 0.2965



53.3613, 0.3444, 0.3279



53.3613, 0.3336, 0.3632

Rectangle

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



53.3613, 0.2819, 0.3289



53.3613, 0.2771, 0.3034



53.3613, 0.3444, 0.3279



53.3613, 0.3495, 0.3536

Sweetspot

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



53.3635, 0.2819, 0.3289



97.2116, 0.3034, 0.3290



51.6545, 0.3100, 0.3863



20.7452, 0.3024, 0.3290



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.



53.3635, 0.2819, 0.3289



89.8437, 0.2759, 0.3289



44.2490, 0.2800, 0.3009



12.0674, 0.2984, 0.3290



28.9097, 0.2246, 0.3287



1.3689, 0.2246, 0.3287

Inverse Universe

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



41.4518, 0.3151, 0.2777



65.8502, 0.3157, 0.2666



47.5771, 0.3488, 0.3556



10.8166, 0.3138, 0.3062



10.4584, 0.3210, 0.1542



0.4952, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 53.3613, 0.2819, 0.3289 looks on a white background.

Color Contrast Check

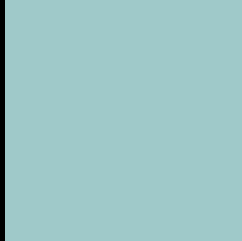
Large Text (above 18pt) WCAG AA × Fail

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 53.3613, 0.2819, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

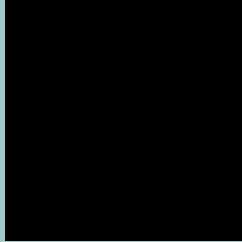
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

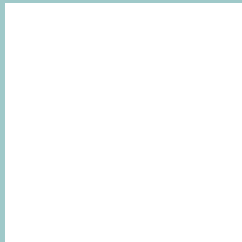
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3613, 0.2819, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 53.3613, 0.2819, 0.3289.

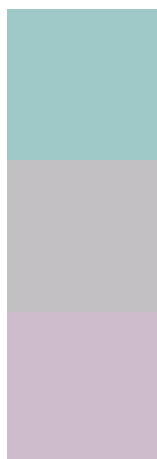


This preview shows how white text looks on a background with the Yxy color 53.3613, 0.2819, 0.3289.

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

53.3613, 0.2819, 0.3289

Protanopia

53.2415, 0.3129, 0.3253

Deuteranopia

53.0221, 0.3153, 0.3089



Tritanopia

53.4345, 0.2749, 0.3087

Trichromacy



Original Color

53.3613, 0.2819, 0.3289

Protanomaly

53.0065, 0.3011, 0.3265

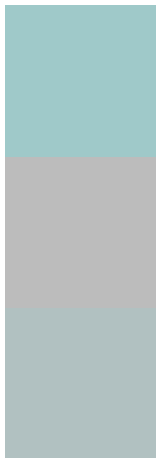
Deuteranomaly

52.8299, 0.3022, 0.3155

Tritanomaly

53.5388, 0.2774, 0.3161

Monochromacy



Original Color

53.3613, 0.2819, 0.3289

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.3373, 0.3001, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3613, 0.2819, 0.3289 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(159, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(159, 201, 201)  
}
```

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(159, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 201, 201) }
```

Border

The CSS property to change the border of an element to Yxy 53.3613, 0.2819, 0.3289 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(159, 201, 201) }
```

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

```
.border{ border-color:rgb(159, 201, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 201, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(159, 201,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3613, 0.2819, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 201, 201) }
```

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

```
.background{ background-color: rgb(159,  
201, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor