

Converting Colors

$Yxy(52.0887, 0.2787, 0.3363)$

Have a look what the booklet for
Yxy(52.0887, 0.2787, 0.3363)
contains.

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Color

Yxy(52.1030, 0.2789, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	95C9C3
RGB	149, 201, 195
RGB Percent	58%, 79%, 76%
CMY	0.4157, 0.2118, 0.2353
CMYK	0.26, 0.00, 0.03, 0.21
HSL	173°, 32%, 69%
HSV	173°, 26%, 79%
XYZ	43.1331, 52.1030, 59.4181
YIQ	184.7680, -29.0660, -12.8900

Conversions

Conversions Part 2

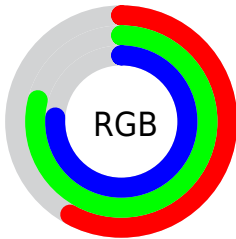
Format	Color
RYB	149, 177, 201
Decimal	9816515
CIELab	77.34, -18.11, -2.50
CIELCh	77, 18.278, 187.867
Yxy	52.1030, 0.2789, 0.3369
Android (android.graphics.Color)	4288006595 (0xFF95C9C3)
YUV	184.7680, 5.0444, -31.3685
Hunter-Lab	72.1824, -19.6554, 1.7221

Details

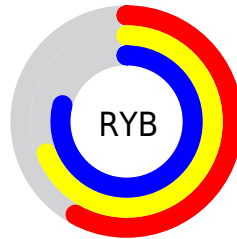
The Yxy color **52.1030, 0.2789, 0.3369** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.2821, 0.3610, 0.3214**, and the grayscale version is **48.3659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3856, 0.2842, 0.3320**, and **25.2773, 0.2698, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **50.2707, 0.2676, 0.3404**, and if you desaturate by 10%, it is **54.2674, 0.2913, 0.3336**.

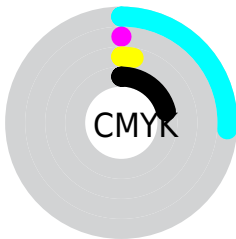
Distribution



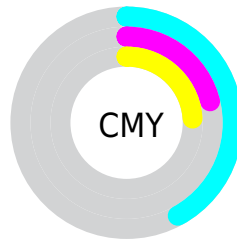
- Red (58%)
- Green (79%)
- Blue (76%)



- Red (58%)
- Yellow (69%)
- Blue (79%)



- Cyan (26%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)





- Cyan (42%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1030, 0.2789, 0.3369 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 52.1030, 0.2789, 0.3369 by changing the saturation by 10% instead.


 52.1030, 0.2789,
0.3369


 52.1030, 0.2789,
0.3369


394.8341, 0.2954,
0.3332

 37.0872, 0.2749,
0.3378


 93.2831, 0.2848,
0.3356

 25.2750, 0.2698,
0.3389


 120.2162, 0.2870,
0.3351

 16.2821, 0.2632,
0.3402

151.8905, 0.2890,
0.3346

 9.7240, 0.2542,
0.3421

188.6905, 0.2906,
0.3343

 5.2163, 0.2412,
0.3446

231.0004, 0.2920,
0.3339

 2.3747, 0.2210,
0.3482

279.2047, 0.2933,

 0.8128, 0.1498,

0.3337

0.3684

333.6878, 0.2944,
0.3334

0.0000, 0.0000,
0.0000

52.1030, 0.2789,
0.3369

52.1030, 0.2789,
0.3369

50.2707, 0.2676,
0.3404

54.2674, 0.2913,
0.3336

48.7474, 0.2577,
0.3441

56.7732, 0.3046,
0.3306

47.5170, 0.2494,
0.3479


59.6370, 0.3185,
0.3279


46.5593, 0.2430,
0.3519


62.8725, 0.3327,
0.3255


45.8516, 0.2385,
0.3559


66.4928, 0.3469,
0.3233

 45.3675, 0.2358,
0.3599

 67.6331, 0.3494,
0.3210

 45.0741, 0.2349,
0.3638

 67.7486, 0.3476,
0.3186

 44.9819, 0.2349,
0.3655

 67.8658, 0.3458,
0.3163

 67.9847, 0.3440,
0.3139

Harmonies

Analogous

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



52.1030, 0.2994, 0.3584



52.1030, 0.2789, 0.3369



52.1030, 0.2675, 0.3140

Triad

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



52.1030, 0.2789, 0.3369



52.1030, 0.3000, 0.2906



52.1030, 0.3597, 0.3597

Complementary

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



52.1030, 0.2789, 0.3369



36.2821, 0.3610, 0.3214

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.



52.1030, 0.3602, 0.3409



52.1030, 0.2789, 0.3369



52.1030, 0.3249, 0.3021

Square

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



52.1030, 0.2789, 0.3369



52.1030, 0.2793, 0.2884



52.1030, 0.3473, 0.3202



52.1030, 0.3463, 0.3712

Rectangle

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



52.1030, 0.2789, 0.3369



52.1030, 0.2662, 0.3014



52.1030, 0.3473, 0.3202



52.1030, 0.3614, 0.3540

Sweetspot

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



52.1051, 0.2789, 0.3369



96.1836, 0.3016, 0.3313



50.9203, 0.3139, 0.4012



20.4433, 0.2995, 0.3317



0.0000, 0.0000, 0.0000



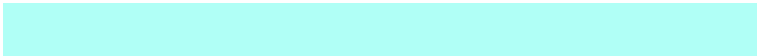
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1051, 0.2789, 0.3369



87.3913, 0.2724, 0.3388



43.6843, 0.2727, 0.3017



12.0457, 0.2999, 0.3317



28.2911, 0.2347, 0.3649



1.3457, 0.2324, 0.3566

Inverse Universe

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



36.2821, 0.3610, 0.3214



55.7964, 0.3753, 0.3196



42.9414, 0.3609, 0.3547



10.6565, 0.3272, 0.3264



7.8540, 0.6246, 0.3214



0.3787, 0.5821, 0.2980

Previews

White Background



This preview shows how the Yxy color 52.1030, 0.2789, 0.3369 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 52.1030, 0.2789, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

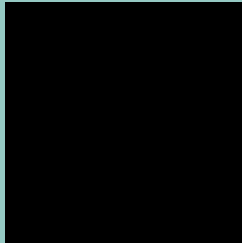
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

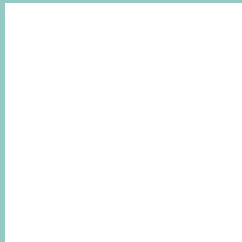
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1030, 0.2789, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 52.1030, 0.2789, 0.3369.

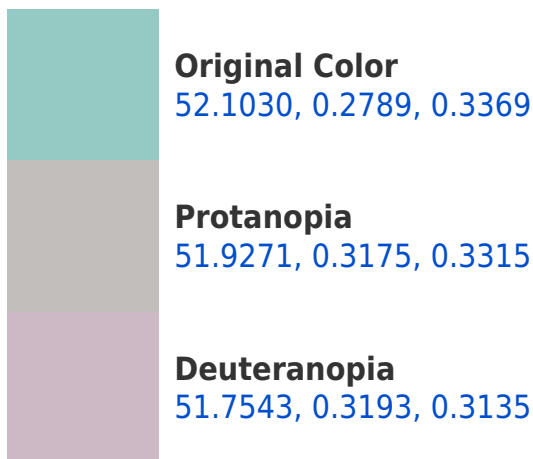


This preview shows how white text looks on a background with the Yxy color 52.1030, 0.2789, 0.3369.

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

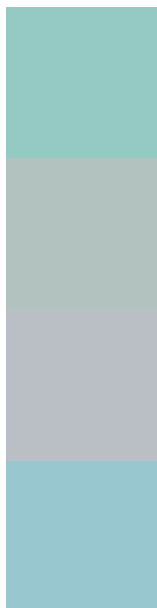




Tritanopia

52.0155, 0.2694, 0.3082

Trichromacy



Original Color

52.1030, 0.2789, 0.3369

Protanomaly

51.8101, 0.3023, 0.3328

Deuteranomaly

51.6071, 0.3035, 0.3215

Tritanomaly

52.0272, 0.2732, 0.3184

Monochromacy



Original Color

52.1030, 0.2789, 0.3369

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.7064, 0.2990, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1030, 0.2789, 0.3369 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(149, 201, 195)` looks like.

```
.text, #text, p{  
    color:rgb(149, 201, 195)  
}
```

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(149, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 201, 195) }
```

Border

The CSS property to change the border of an element to Yxy 52.1030, 0.2789, 0.3369 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(149, 201, 195) }
```

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

```
.border{ border-color:rgb(149, 201, 195) }
```

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

Here you see how a box with a 4 pixel rgb(149, 201, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 201, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 201, 195);  
box-shadow:4px 4px 4px 4px rgb(149, 201,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1030, 0.2789, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 201, 195) }
```

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

```
.background{ background-color: rgb(149,  
201, 195) }
```

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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