

Converting Colors

$Yxy(52.2654, 0.2861, 0.3390)$

Have a look what the booklet for
Yxy(52.2654, 0.2861, 0.3390)
contains.

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Color

Yxy(52.2824, 0.2862, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	9DC8C0
RGB	157, 200, 192
RGB Percent	62%, 78%, 75%
CMY	0.3843, 0.2157, 0.2470
CMYK	0.21, 0.00, 0.04, 0.22
HSL	169°, 28%, 70%
HSV	169°, 21%, 78%
XYZ	44.0743, 52.2824, 57.6415
YIQ	186.2310, -23.0600, -11.6040

Conversions

Conversions Part 2

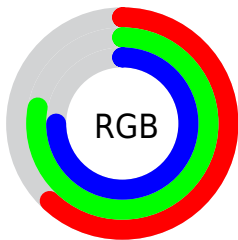
Format	Color
RYB	157, 181, 200
Decimal	10340544
CIELab	77.45, -15.79, -0.67
CIELCh	77, 15.806, 182.435
Yxy	52.2824, 0.2862, 0.3395
Android (android.graphics.Color)	4288530624 (0xFF9DC8C0)
YUV	186.2310, 2.8441, -25.6356
Hunter-Lab	72.3066, -17.7323, 3.3496

Details

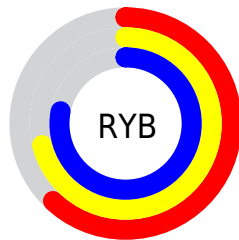
The Yxy color **52.2824, 0.2862, 0.3395** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.1119, 0.3478, 0.3188**, and the grayscale version is **49.2341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2944, 0.2908, 0.3362**, and **25.4251, 0.2790, 0.3416** is the 20% darker color. If you saturate the color by 10%, you get **50.2719, 0.2751, 0.3451**, and if you desaturate by 10%, it is **54.6306, 0.2982, 0.3344**.

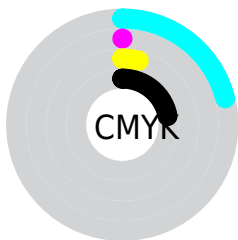
Distribution



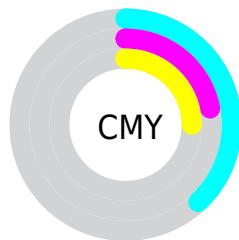
- Red (62%)
- Green (78%)
- Blue (75%)



- Red (62%)
- Yellow (71%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)





- Cyan (38%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2824, 0.2862, 0.3395 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 52.2824, 0.2862, 0.3395 by changing the saturation by 10% instead.

 52.2824, 0.2862,
0.3395

 52.2824, 0.2862,
0.3395

395.5259, 0.2992,
0.3344

 37.2302, 0.2830,
0.3407


 93.5476, 0.2909,
0.3377

 25.3858, 0.2790,
0.3423


 120.5294, 0.2926,
0.3370

 16.3647, 0.2738,
0.3443


152.2565, 0.2941,
0.3364

 9.7826, 0.2666,
0.3471

189.1134, 0.2954,
0.3359

 5.2551, 0.2562,
0.3511

231.4843, 0.2965,
0.3354

 2.3977, 0.2398,
0.3573

279.7538, 0.2975,

 0.8247, 0.1837,

0.3351

0.3804

334.3062, 0.2984,
0.3347

0.0000, 0.0000,
0.0000

52.2824, 0.2862,
0.3395

52.2824, 0.2862,
0.3395

50.2719, 0.2751,
0.3451

54.6306, 0.2982,
0.3344

48.5767, 0.2652,
0.3510

57.3251, 0.3108,
0.3297

47.1816, 0.2568,
0.3573

60.3820, 0.3238,
0.3254

46.0674, 0.2501,
0.3638

63.8147, 0.3369,
0.3217

45.2130, 0.2452,
0.3705

67.2530, 0.3483,
0.3182

■ 44.5940, 0.2423,
0.3772

■ 67.4413, 0.3454,
0.3145

■ 44.1814, 0.2413,
0.3839

■ 67.6339, 0.3425,
0.3107

■ 43.9476, 0.2416,
0.3896

■ 67.8308, 0.3397,
0.3070

■ 68.0321, 0.3368,
0.3033

Harmonies

Analogous

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



52.2824, 0.3050, 0.3569



52.2824, 0.2862, 0.3395



52.2824, 0.2746, 0.3196

Triad

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



52.2824, 0.2862, 0.3395



52.2824, 0.2981, 0.2946



52.2824, 0.3542, 0.3531

Complementary

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



52.2824, 0.2862, 0.3395



39.1119, 0.3478, 0.3188

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.



52.2824, 0.3524, 0.3363



52.2824, 0.2862, 0.3395



52.2824, 0.3194, 0.3033

Square

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



52.2824, 0.2862, 0.3395



52.2824, 0.2812, 0.2944



52.2824, 0.3395, 0.3183



52.2824, 0.3446, 0.3643

Rectangle

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



52.2824, 0.2862, 0.3395



52.2824, 0.2722, 0.3080



52.2824, 0.3395, 0.3183



52.2824, 0.3550, 0.3479

Sweetspot

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



52.2846, 0.2862, 0.3395



97.0309, 0.3049, 0.3318



51.8086, 0.3166, 0.3870



20.7024, 0.3041, 0.3321



0.0000, 0.0000, 0.0000



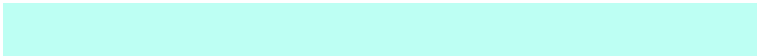
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2846, 0.2862, 0.3395



88.7518, 0.2807, 0.3422



46.9234, 0.2798, 0.3117



12.0324, 0.3008, 0.3333



27.9549, 0.2413, 0.3886



1.3327, 0.2374, 0.3747

Inverse Universe

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



39.1119, 0.3478, 0.3188



61.7446, 0.3582, 0.3164



43.4277, 0.3523, 0.3457



10.6686, 0.3261, 0.3247



7.9032, 0.6092, 0.3130



0.3842, 0.5529, 0.2819

Previews

White Background



This preview shows how the Yxy color 52.2824, 0.2862, 0.3395 looks on a white background.

Color Contrast Check

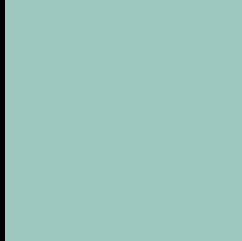
Large Text (above 18pt) WCAG AA × Fail

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 52.2824, 0.2862, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

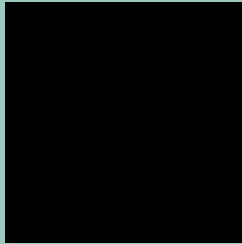
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

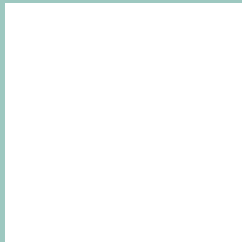
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2824, 0.2862, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 52.2824, 0.2862, 0.3395.



This preview shows how white text looks on a background with the Yxy color 52.2824, 0.2862, 0.3395.

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

52.2824, 0.2862, 0.3395

Protanopia

51.9742, 0.3199, 0.3340

Deuteranopia

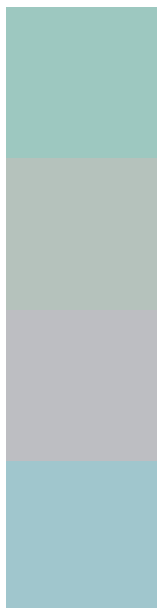
51.9035, 0.3234, 0.3171



Tritanopia

52.3137, 0.2752, 0.3085

Trichromacy



Original Color

52.2824, 0.2862, 0.3395

Protanomaly

52.0382, 0.3068, 0.3366

Deuteranomaly

51.5408, 0.3089, 0.3240

Tritanomaly

52.2695, 0.2797, 0.3199

Monochromacy



Original Color

52.2824, 0.2862, 0.3395

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.0064, 0.3021, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2824, 0.2862, 0.3395 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(157, 200, 192)` looks like.

```
.text, #text, p{  
    color:rgb(157, 200, 192)  
}
```

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(157, 200, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 200, 192) }
```

Border

The CSS property to change the border of an element to Yxy 52.2824, 0.2862, 0.3395 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(157, 200, 192) }
```

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

```
.border{ border-color:rgb(157, 200, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 200, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 200, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 200, 192);  
box-shadow:4px 4px 4px 4px rgb(157, 200,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2824, 0.2862, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 200, 192) }
```

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

```
.background{ background-color: rgb(157,  
200, 192) }
```

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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