

Converting Colors

$Yxy(50.2728, 0.2856, 0.3358)$

Have a look what the booklet for
Yxy(50.2728, 0.2856, 0.3358)
contains.

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Color

Yxy(50.3094, 0.2859, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	9CC4BF
RGB	156, 196, 191
RGB Percent	61%, 77%, 75%
CMY	0.3881, 0.2314, 0.2510
CMYK	0.20, 0.00, 0.03, 0.23
HSL	172°, 25%, 69%
HSV	172°, 20%, 77%
XYZ	42.8589, 50.3094, 56.7405
YIQ	183.4700, -22.2350, -10.0350

Conversions

Conversions Part 2

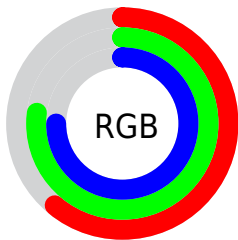
Format	Color
RYB	156, 177, 196
Decimal	10273983
CIELab	76.26, -14.25, -1.88
CIELCh	76, 14.374, 187.503
Yxy	50.3094, 0.2859, 0.3356
Android (android.graphics.Color)	4288464063 (0xFF9CC4BF)
YUV	183.4700, 3.7123, -24.0912
Hunter-Lab	70.9291, -16.2673, 2.2207

Details

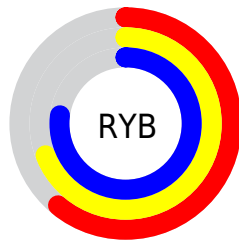
The Yxy color **50.3094, 0.2859, 0.3356** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.0989, 0.3479, 0.3226**, and the grayscale version is **47.6183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8148, 0.2907, 0.3352**, and **24.1240, 0.2783, 0.3363** is the 20% darker color. If you saturate the color by 10%, you get **48.4038, 0.2741, 0.3393**, and if you desaturate by 10%, it is **52.5365, 0.2987, 0.3322**.

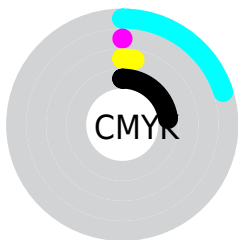
Distribution



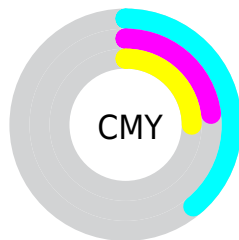
- Red (61%)
- Green (77%)
- Blue (75%)



- Red (61%)
- Yellow (69%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)




- Cyan (39%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3094, 0.2859, 0.3356 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 50.3094, 0.2859, 0.3356 by changing the saturation by 10% instead.

 50.3094, 0.2859,
0.3356

 50.3094, 0.2859,
0.3356

387.8747, 0.2991,
0.3324

 35.6593, 0.2827,
0.3364


 90.6331, 0.2906,
0.3345

 24.1712, 0.2786,
0.3373


 117.0755, 0.2924,
0.3340

 15.4607, 0.2732,
0.3385


148.2175, 0.2940,
0.3337

 9.1433, 0.2658,
0.3402

184.4435, 0.2953,
0.3334

 4.8348, 0.2550,
0.3425

226.1377, 0.2964,
0.3331

 2.1507, 0.2378,
0.3460

273.6848, 0.2974,

 0.6929, 0.1645,

0.3328

0.3668

327.4689, 0.2983,
0.3326

0.0000, 0.0000,
0.0000

50.3094, 0.2859,
0.3356

50.3094, 0.2859,
0.3356

48.4038, 0.2741,
0.3393

52.5365, 0.2987,
0.3322

46.7983, 0.2634,
0.3432

55.0930, 0.3122,
0.3291

45.4786, 0.2543,
0.3473

57.9941, 0.3261,
0.3263

44.4270, 0.2470,
0.3515

61.2524, 0.3401,
0.3238

43.6233, 0.2414,
0.3558

64.8798, 0.3541,
0.3216

■ 43.0449, 0.2378,
0.3602

■ 65.1804, 0.3529,
0.3191

■ 42.6649, 0.2361,
0.3645

■ 65.3003, 0.3510,
0.3166

■ 42.4371, 0.2358,
0.3687

■ 65.4220, 0.3490,
0.3141

■ 65.5456, 0.3470,
0.3116

Harmonies

Analogous

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



50.3094, 0.3024, 0.3523



50.3094, 0.2859, 0.3356



50.3094, 0.2766, 0.3175

Triad

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



50.3094, 0.2859, 0.3356



50.3094, 0.3024, 0.2981



50.3094, 0.3501, 0.3535

Complementary

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



50.3094, 0.2859, 0.3356



38.0989, 0.3479, 0.3226

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.



50.3094, 0.3503, 0.3386



50.3094, 0.2859, 0.3356



50.3094, 0.3223, 0.3073

Square

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



50.3094, 0.2859, 0.3356



50.3094, 0.2858, 0.2965



50.3094, 0.3400, 0.3218



50.3094, 0.3397, 0.3625

Rectangle

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



50.3094, 0.2859, 0.3356



50.3094, 0.2755, 0.3074



50.3094, 0.3400, 0.3218



50.3094, 0.3514, 0.3490

Sweetspot

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



50.3115, 0.2859, 0.3356



97.0902, 0.3044, 0.3308



49.4949, 0.3143, 0.3840



20.7164, 0.3035, 0.3311



0.0000, 0.0000, 0.0000



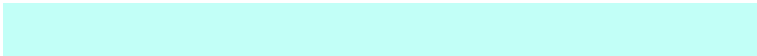
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3115, 0.2859, 0.3356



89.6996, 0.2810, 0.3370



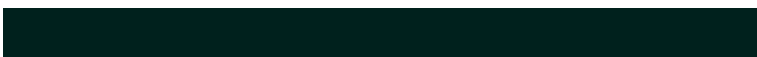
44.2450, 0.2813, 0.3091



11.4061, 0.3001, 0.3319



27.2775, 0.2356, 0.3681



1.1848, 0.2329, 0.3584

Inverse Universe

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



38.0989, 0.3479, 0.3226



63.9931, 0.3568, 0.3212



43.1451, 0.3492, 0.3481



10.0979, 0.3270, 0.3261



7.5916, 0.6226, 0.3203



0.3349, 0.5749, 0.2941

Previews

White Background



This preview shows how the Yxy color 50.3094, 0.2859, 0.3356 looks on a white background.

Color Contrast Check

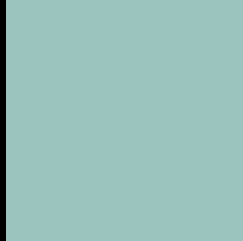
Large Text (above 18pt) WCAG AA × Fail

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 50.3094, 0.2859, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

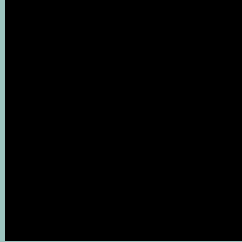
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

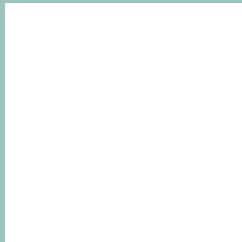
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3094, 0.2859, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 50.3094, 0.2859, 0.3356.

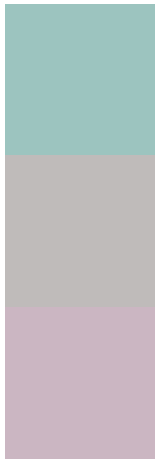


This preview shows how white text looks on a background with the Yxy color 50.3094, 0.2859, 0.3356.

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

50.3094, 0.2859, 0.3356

Protanopia

50.1622, 0.3168, 0.3303

Deuteranopia

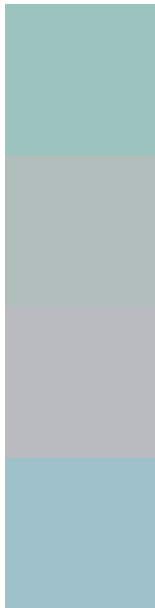
50.0474, 0.3210, 0.3145



Tritanopia

50.2170, 0.2767, 0.3082

Trichromacy



Original Color

50.3094, 0.2859, 0.3356

Protanomaly

49.9227, 0.3045, 0.3316

Deuteranomaly

49.8300, 0.3073, 0.3214

Tritanomaly

50.2188, 0.2806, 0.3184

Monochromacy



Original Color

50.3094, 0.2859, 0.3356

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.3958, 0.3020, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3094, 0.2859, 0.3356 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(156, 196, 191)` looks like.

```
.text, #text, p{  
    color:rgb(156, 196, 191)  
}
```

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(156, 196, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 196, 191) }
```

Border

The CSS property to change the border of an element to Yxy 50.3094, 0.2859, 0.3356 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(156, 196, 191) }
```

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

```
.border{ border-color:rgb(156, 196, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 196, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 196, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 196, 191);  
box-shadow:4px 4px 4px 4px rgb(156, 196,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3094, 0.2859, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 196, 191) }
```

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

```
.background{ background-color: rgb(156,  
196, 191) }
```

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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