

Converting Colors

$Yxy(48.7872, 0.2866, 0.3358)$

Have a look what the booklet for
Yxy(48.7872, 0.2866, 0.3358)
contains.

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Color

Yxy(48.7393, 0.2870, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	9BC1BC
RGB	155, 193, 188
RGB Percent	61%, 76%, 74%
CMY	0.3920, 0.2431, 0.2628
CMYK	0.20, 0.00, 0.03, 0.24
HSL	172°, 23%, 68%
HSV	172°, 20%, 76%
XYZ	41.6687, 48.7393, 54.7791
YIQ	181.0680, -21.0430, -9.6110

Conversions

Conversions Part 2

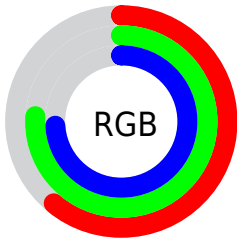
Format	Color
RYB	155, 175, 193
Decimal	10207676
CIELab	75.29, -13.65, -1.67
CIELCh	75, 13.755, 186.986
Yxy	48.7393, 0.2870, 0.3357
Android (android.graphics.Color)	4288397756 (0xFF9BC1BC)
YUV	181.0680, 3.4175, -22.8616
Hunter-Lab	69.8135, -15.6347, 2.3477

Details

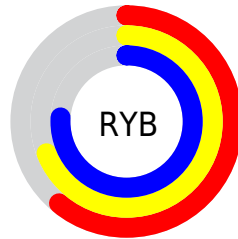
The Yxy color **48.7393, 0.2870, 0.3357** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.3331, 0.3461, 0.3225**, and the grayscale version is **46.2411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6045, 0.2917, 0.3352**, and **23.0981, 0.2796, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **46.8724, 0.2752, 0.3396**, and if you desaturate by 10%, it is **50.9174, 0.2998, 0.3321**.

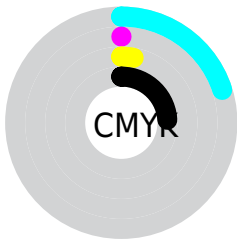
Distribution



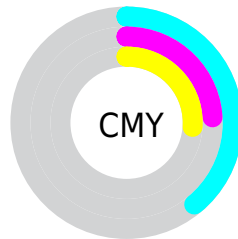
- Red (61%)
- Green (76%)
- Blue (74%)



- Red (61%)
- Yellow (69%)
- Blue (76%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)




- Cyan (39%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7393, 0.2870, 0.3357 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 48.7393, 0.2870, 0.3357 by changing the saturation by 10% instead.


 48.7393, 0.2870,
0.3357


 48.7393, 0.2870,
0.3357

381.7151, 0.2997,
0.3325

 34.4127, 0.2839,
0.3365


 88.3041, 0.2916,
0.3345

 23.2108, 0.2799,
0.3375


 114.3112, 0.2933,
0.3341

 14.7493, 0.2746,
0.3388


144.9805, 0.2948,
0.3337

 8.6436, 0.2673,
0.3405

180.6965, 0.2961,
0.3334

 4.5095, 0.2566,
0.3430

221.8436, 0.2971,
0.3331

 1.9624, 0.2393,
0.3468

268.8061, 0.2981,

 0.5855, 0.1428,

0.3329

0.3746

321.9685, 0.2990,
0.3327

0.0000, 0.0000,
0.0000

48.7393, 0.2870,
0.3357

48.7393, 0.2870,
0.3357

46.8724, 0.2752,
0.3396

50.9174, 0.2998,
0.3321

45.2961, 0.2645,
0.3437

53.4142, 0.3132,
0.3289

43.9969, 0.2554,
0.3480

56.2444, 0.3270,
0.3260

42.9575, 0.2479,
0.3525

59.4199, 0.3409,
0.3234

42.1591, 0.2423,
0.3570

62.9522, 0.3547,
0.3210

■ 41.5799, 0.2386,
0.3617

■ 63.7235, 0.3555,
0.3185

■ 41.1945, 0.2367,
0.3663

■ 63.8462, 0.3534,
0.3159

■ 40.9549, 0.2364,
0.3708

■ 63.9710, 0.3513,
0.3133

■ 40.9476, 0.2364,
0.3710

■ 64.0977, 0.3493,
0.3107

Harmonies

Analogous

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



48.7393, 0.3031, 0.3518



48.7393, 0.2870, 0.3357



48.7393, 0.2778, 0.3182

Triad

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



48.7393, 0.2870, 0.3357



48.7393, 0.3025, 0.2990



48.7393, 0.3490, 0.3525

Complementary

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



48.7393, 0.2870, 0.3357



37.3331, 0.3461, 0.3225

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.



48.7393, 0.3490, 0.3380



48.7393, 0.2870, 0.3357



48.7393, 0.3216, 0.3077

Square

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



48.7393, 0.2870, 0.3357



48.7393, 0.2865, 0.2976



48.7393, 0.3388, 0.3218



48.7393, 0.3390, 0.3613

Rectangle

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



48.7393, 0.2870, 0.3357



48.7393, 0.2766, 0.3083



48.7393, 0.3388, 0.3218



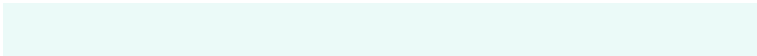
48.7393, 0.3502, 0.3481

Sweetspot

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



48.7413, 0.2870, 0.3357



92.7276, 0.3045, 0.3309



47.9905, 0.3143, 0.3818



19.8316, 0.3036, 0.3312



97.7402, 0.3127, 0.3290



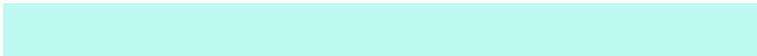
20.4902, 0.3127, 0.3290

Same Dimension

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



48.7413, 0.2870, 0.3357



85.6561, 0.2813, 0.3375



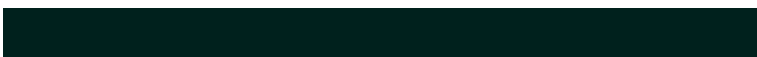
43.0948, 0.2825, 0.3099



11.4048, 0.3002, 0.3320



27.2445, 0.2362, 0.3704



1.1836, 0.2334, 0.3602

Inverse Universe

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



37.3331, 0.3461, 0.3225



61.1695, 0.3564, 0.3208



42.0652, 0.3476, 0.3474



10.0991, 0.3269, 0.3260



7.5957, 0.6212, 0.3196



0.3354, 0.5718, 0.2924

Previews

White Background



This preview shows how the Yxy color 48.7393, 0.2870, 0.3357 looks on a white background.

Color Contrast Check

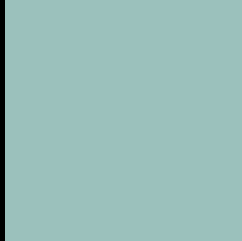
Large Text (above 18pt) WCAG AA × Fail

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 48.7393, 0.2870, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

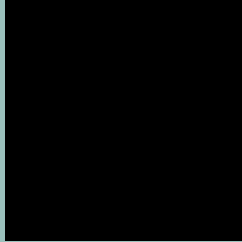
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

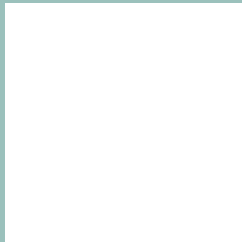
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7393, 0.2870, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 48.7393, 0.2870, 0.3357.



This preview shows how white text looks on a background with the Yxy color 48.7393, 0.2870, 0.3357.

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

48.7393, 0.2870, 0.3357

Protanopia

48.5187, 0.3177, 0.3303

Deuteranopia

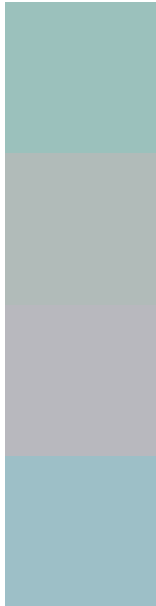
48.2811, 0.3212, 0.3143



Tritanopia

48.5522, 0.2769, 0.3079

Trichromacy



Original Color

48.7393, 0.2870, 0.3357

Protanomaly

48.3905, 0.3060, 0.3316

Deuteranomaly

48.1890, 0.3081, 0.3213

Tritanomaly

48.5532, 0.2809, 0.3183

Monochromacy



Original Color

48.7393, 0.2870, 0.3357

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.9293, 0.3027, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7393, 0.2870, 0.3357 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(155, 193, 188)` looks like.

```
.text, #text, p{  
    color:rgb(155, 193, 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(155, 193, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 193, 188) }
```

Border

The CSS property to change the border of an element to Yxy 48.7393, 0.2870, 0.3357 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(155, 193, 188) }
```

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

```
.border{ border-color:rgb(155, 193, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 193, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 193, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 193, 188); box-shadow:4px 4px 4px 4px rgb(155, 193, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7393, 0.2870, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 193, 188) }
```

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

```
.background{ background-color: rgb(155,  
193, 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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