

Converting Colors

$Yxy(49.8857, 0.2838, 0.3308)$

Have a look what the booklet for
Yxy(49.8857, 0.2838, 0.3308)
contains.

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Color

Yxy(49.9932, 0.2838, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	9CC3C2
RGB	156, 195, 194
RGB Percent	61%, 76%, 76%
CMY	0.3882, 0.2353, 0.2391
CMYK	0.20, 0.00, 0.00, 0.24
HSL	179°, 25%, 69%
HSV	179°, 20%, 76%
XYZ	42.9681, 49.9932, 58.4415
YIQ	183.2250, -22.9230, -8.5790

Conversions

Conversions Part 2

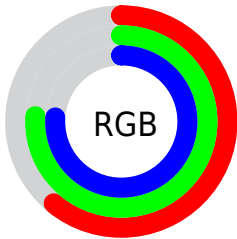
Format	Color
RYB	156, 176, 195
Decimal	10273730
CIELab	76.07, -13.09, -3.80
CIELCh	76, 13.632, 196.201
Yxy	49.9932, 0.2838, 0.3302
Android (android.graphics.Color)	4288463810 (0xFF9CC3C2)
YUV	183.2250, 5.3121, -23.8763
Hunter-Lab	70.7059, -15.2604, 0.4883

Details

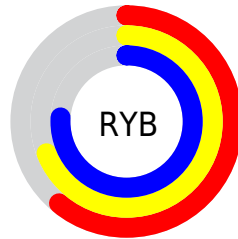
The Yxy color **49.9932, 0.2838, 0.3302** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.8188, 0.3509, 0.3278**, and the grayscale version is **47.4671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3718, 0.2891, 0.3310**, and **23.8863, 0.2765, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **48.1816, 0.2708, 0.3309**, and if you desaturate by 10%, it is **52.1213, 0.2979, 0.3296**.

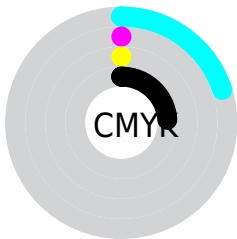
Distribution



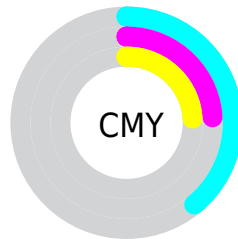
- Red (61%)
- Green (76%)
- Blue (76%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9932, 0.2838, 0.3302 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 49.9932, 0.2838, 0.3302 by changing the saturation by 10% instead.

 49.9932, 0.2838,
0.3302

 49.9932, 0.2838,
0.3302


386.6393, 0.2980,
0.3298

 35.4080, 0.2803,
0.3303


 90.1648, 0.2889,
0.3301

 23.9773, 0.2759,
0.3303


 116.5200, 0.2908,
0.3300

 15.3168, 0.2701,
0.3304


147.5673, 0.2925,
0.3300

 9.0420, 0.2622,
0.3304

183.6911, 0.2939,
0.3299

 4.7686, 0.2507,
0.3302

225.2758, 0.2951,
0.3299

 2.1121, 0.2324,
0.3295

272.7058, 0.2962,

 0.6714, 0.1603,

0.3298

0.3378

326.3655, 0.2971,
0.3298

0.0000, 0.0000,
0.0000

49.9932, 0.2838,
0.3302

49.9932, 0.2838,
0.3302

48.1816, 0.2708,
0.3309

52.1213, 0.2979,
0.3296

46.6654, 0.2593,
0.3316

54.5736, 0.3127,
0.3290

45.4306, 0.2493,
0.3324

57.3652, 0.3281,
0.3285

44.4597, 0.2412,
0.3331

60.5083, 0.3438,
0.3280

43.7329, 0.2349,
0.3339

64.0149, 0.3594,
0.3276

■ 43.2281, 0.2305,
0.3347

■ 64.3171, 0.3602,
0.3271

■ 42.9189, 0.2280,
0.3355

■ 64.3393, 0.3598,
0.3266

■ 42.7540, 0.2268,
0.3363

■ 64.3615, 0.3594,
0.3261

■ 42.7539, 0.2268,
0.3363

■ 64.3838, 0.3591,
0.3256

Harmonies

Analogous

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



49.9932, 0.2979, 0.3470



49.9932, 0.2838, 0.3302



49.9932, 0.2773, 0.3136

Triad

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



49.9932, 0.2838, 0.3302



49.9932, 0.3083, 0.3014



49.9932, 0.3463, 0.3556

Complementary

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



49.9932, 0.2838, 0.3302



37.8188, 0.3509, 0.3278

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.



49.9932, 0.3495, 0.3426



49.9932, 0.2838, 0.3302



49.9932, 0.3271, 0.3119

Square

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



49.9932, 0.2838, 0.3302



49.9932, 0.2912, 0.2977



49.9932, 0.3424, 0.3268



49.9932, 0.3340, 0.3617

Rectangle

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



49.9932, 0.2838, 0.3302



49.9932, 0.2781, 0.3051



49.9932, 0.3424, 0.3268



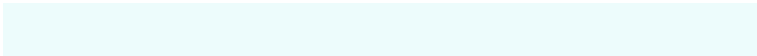
49.9932, 0.3485, 0.3518

Sweetspot

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



49.9953, 0.2838, 0.3302



94.9935, 0.3036, 0.3293



48.6301, 0.3112, 0.3833



20.7397, 0.3026, 0.3294



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.



49.9953, 0.2838, 0.3302



88.0540, 0.2780, 0.3305



42.3780, 0.2816, 0.3041



11.4240, 0.2988, 0.3295



27.7906, 0.2267, 0.3362



1.2021, 0.2262, 0.3344

Inverse Universe

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



37.8188, 0.3509, 0.3278



62.2848, 0.3618, 0.3276



44.3555, 0.3474, 0.3527



10.0818, 0.3285, 0.3285



7.5495, 0.6370, 0.3283



0.3276, 0.6256, 0.3220

Previews

White Background



This preview shows how the Yxy color 49.9932, 0.2838, 0.3302 looks on a white background.

Color Contrast Check

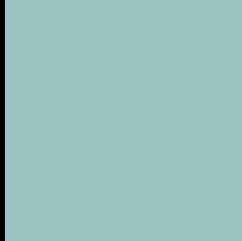
Large Text (above 18pt) WCAG AA × Fail

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 49.9932, 0.2838, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

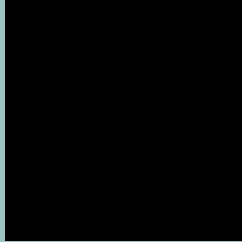
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

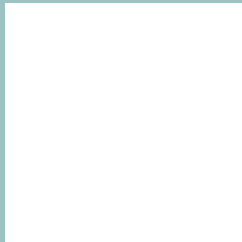
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.9932, 0.2838, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 49.9932, 0.2838, 0.3302.



This preview shows how white text looks on a background with the Yxy color 49.9932, 0.2838, 0.3302.

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

49.9932, 0.2838, 0.3302

Protanopia

49.7391, 0.3137, 0.3252

Deuteranopia

49.9046, 0.3170, 0.3108



Tritanopia

50.0649, 0.2766, 0.3094

Trichromacy



Original Color

49.9932, 0.2838, 0.3302

Protanomaly

49.6218, 0.3023, 0.3264

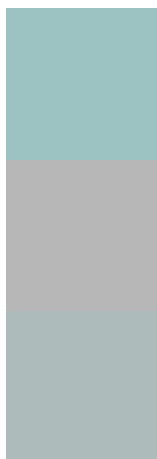
Deuteranomaly

49.8405, 0.3043, 0.3176

Tritanomaly

50.1645, 0.2792, 0.3171

Monochromacy



Original Color

49.9932, 0.2838, 0.3302

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.0127, 0.3013, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9932, 0.2838, 0.3302 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, 195, 194)` looks like.

```
.text, #text, p{  
    color:rgb(156, 195, 194)  
}
```

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, 195, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 195, 194) }
```

Border

The CSS property to change the border of an element to Yxy 49.9932, 0.2838, 0.3302 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, 195, 194) }
```

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

```
.border{ border-color:rgb(156, 195, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 195, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 195, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 195, 194); box-shadow:4px 4px 4px 4px rgb(156, 195, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9932, 0.2838, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 195, 194) }
```

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

```
.background{ background-color: rgb(156,  
195, 194) }
```

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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