

Converting Colors

$Yxy(53.5012, 0.2841, 0.3479)$

Have a look what the booklet for
Yxy(53.5012, 0.2841, 0.3479)
contains.

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Color

Yxy(53.4827, 0.2837, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	97CCBE
RGB	151, 204, 190
RGB Percent	59%, 80%, 75%
CMY	0.4078, 0.2000, 0.2550
CMYK	0.26, 0.00, 0.07, 0.20
HSL	164°, 34%, 70%
HSV	164°, 26%, 80%
XYZ	43.6509, 53.4827, 56.7292
YIQ	186.5570, -27.0940, -15.5900

Conversions

Conversions Part 2

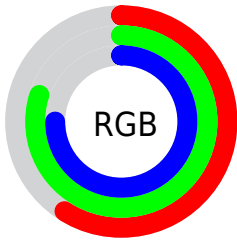
Format	Color
RYB	151, 182, 204
Decimal	9948350
CIELab	78.16, -20.09, 1.41
CIELCh	78, 20.144, 175.986
Yxy	53.4827, 0.2837, 0.3476
Android (android.graphics.Color)	4288138430 (0xFF97CCBE)
YUV	186.5570, 1.6974, -31.1835
Hunter-Lab	73.1319, -21.4379, 5.2004

Details

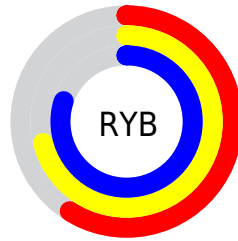
The Yxy color **53.4827, 0.2837, 0.3476** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.6954, 0.3532, 0.3113**, and the grayscale version is **49.4360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2956, 0.2885, 0.3383**, and **26.2155, 0.2753, 0.3527** is the 20% darker color. If you saturate the color by 10%, you get **51.4670, 0.2739, 0.3559**, and if you desaturate by 10%, it is **55.8492, 0.2944, 0.3399**.

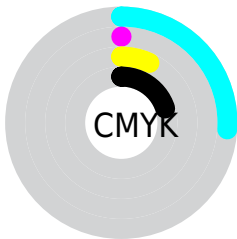
Distribution



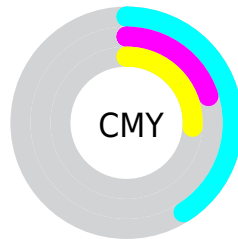
- Red (59%)
- Green (80%)
- Blue (75%)



- Red (59%)
- Yellow (71%)
- Blue (80%)



- Cyan (26%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)





- Cyan (41%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4827, 0.2837, 0.3476 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 53.4827, 0.2837, 0.3476 by changing the saturation by 10% instead.

 53.4827, 0.2837,
0.3476

 53.4827, 0.2837,
0.3476


400.1343, 0.2979,
0.3385

 38.1882, 0.2803,
0.3498


 95.3143, 0.2888,
0.3443

 26.1288, 0.2759,
0.3527


 122.6202, 0.2907,
0.3431

 16.9200, 0.2702,
0.3564


154.6987, 0.2924,
0.3420

 10.1775, 0.2623,
0.3616

191.9342, 0.2938,
0.3411

 5.5168, 0.2510,
0.3691

234.7112, 0.2950,
0.3403

 2.5536, 0.2332,
0.3810

283.4139, 0.2961,

 0.9034, 0.1707,

0.3396

0.4190

338.4268, 0.2970,
0.3390

0.0000, 0.0000,
0.0000

53.4827, 0.2837,
0.3476

53.4827, 0.2837,
0.3476

51.4670, 0.2739,
0.3559

55.8492, 0.2944,
0.3399

49.7782, 0.2654,
0.3648

58.5763, 0.3057,
0.3329

48.3992, 0.2583,
0.3742

61.6812, 0.3175,
0.3265

47.3092, 0.2531,
0.3839

65.1784, 0.3293,
0.3209

46.4844, 0.2497,
0.3938

69.0813, 0.3412,
0.3158

■ 45.8973, 0.2483,
0.4038

■ 69.7400, 0.3386,
0.3105

■ 45.5135, 0.2488,
0.4136

■ 70.0347, 0.3346,
0.3051

■ 45.3897, 0.2493,
0.4176

■ 70.3387, 0.3306,
0.2998

■ 70.6522, 0.3267,
0.2946

Harmonies

Analogous

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



53.4827, 0.3086, 0.3683



53.4827, 0.2837, 0.3476



53.4827, 0.2669, 0.3221

Triad

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



53.4827, 0.2837, 0.3476



53.4827, 0.2889, 0.2850



53.4827, 0.3662, 0.3548

Complementary

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



53.4827, 0.2837, 0.3476



37.6954, 0.3532, 0.3113

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.



53.4827, 0.3606, 0.3329



53.4827, 0.2837, 0.3476



53.4827, 0.3151, 0.2937

Square

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



53.4827, 0.2837, 0.3476



53.4827, 0.2698, 0.2869



53.4827, 0.3416, 0.3109



53.4827, 0.3566, 0.3713

Rectangle

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



53.4827, 0.2837, 0.3476



53.4827, 0.2622, 0.3065



53.4827, 0.3416, 0.3109



53.4827, 0.3660, 0.3478

Sweetspot

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



53.4849, 0.2837, 0.3476



95.9914, 0.3033, 0.3343



53.4368, 0.3200, 0.4002



20.3946, 0.3015, 0.3354



0.0000, 0.0000, 0.0000



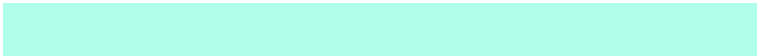
21.4041, 0.3127, 0.3290

Same Dimension

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



53.4849, 0.2837, 0.3476



86.6899, 0.2783, 0.3521



48.4821, 0.2735, 0.3125



12.6744, 0.3018, 0.3352



28.5844, 0.2489, 0.4162



1.4867, 0.2436, 0.3970

Inverse Universe

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



37.6954, 0.3532, 0.3113



56.3159, 0.3647, 0.3074



41.4032, 0.3637, 0.3449



11.2616, 0.3249, 0.3229



8.2607, 0.5864, 0.3004



0.4390, 0.5292, 0.2689

Previews

White Background



This preview shows how the Yxy color 53.4827, 0.2837, 0.3476 looks on a white background.

Color Contrast Check

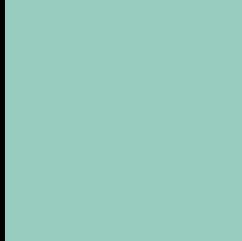
Large Text (above 18pt) WCAG AA × Fail

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 53.4827, 0.2837, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

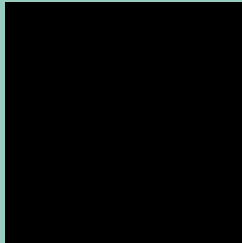
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

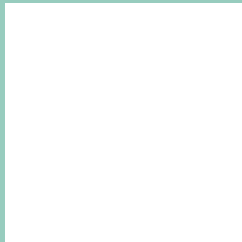
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4827, 0.2837, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 53.4827, 0.2837, 0.3476.

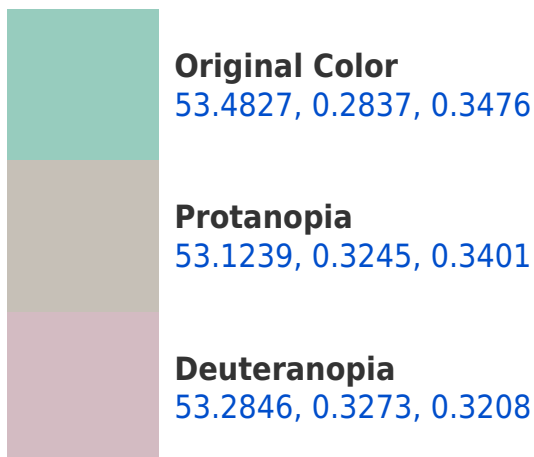


This preview shows how white text looks on a background with the Yxy color 53.4827, 0.2837, 0.3476.

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

53.3343, 0.2705, 0.3085

Trichromacy



Original Color

53.4827, 0.2837, 0.3476

Protanomaly

52.8488, 0.3082, 0.3417

Deuteranomaly

52.8090, 0.3095, 0.3290

Tritanomaly

53.1483, 0.2747, 0.3211

Monochromacy



Original Color

53.4827, 0.2837, 0.3476

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.7694, 0.3013, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4827, 0.2837, 0.3476 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(151, 204, 190)` looks like.

```
.text, #text, p{  
    color:rgb(151, 204, 190)  
}
```

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(151, 204, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 204, 190) }
```

Border

The CSS property to change the border of an element to Yxy 53.4827, 0.2837, 0.3476 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(151, 204, 190) }
```

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

```
.border{ border-color:rgb(151, 204, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 204, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 204, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 204, 190); box-shadow:4px 4px 4px 4px rgb(151, 204, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4827, 0.2837, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 204, 190) }
```

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

```
.background{ background-color: rgb(151,  
204, 190) }
```

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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