

Converting Colors

$Yxy(53.2120, 0.2834, 0.3467)$

Have a look what the booklet for
Yxy(53.2120, 0.2834, 0.3467)
contains.

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Color

Yxy(53.0089, 0.2836, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	97CBBE
RGB	151, 203, 190
RGB Percent	59%, 80%, 75%
CMY	0.4078, 0.2039, 0.2549
CMYK	0.26, 0.00, 0.06, 0.20
HSL	165°, 33%, 69%
HSV	165°, 26%, 80%
XYZ	43.4113, 53.0089, 56.6520
YIQ	185.9700, -26.8190, -15.0670

Conversions

Conversions Part 2

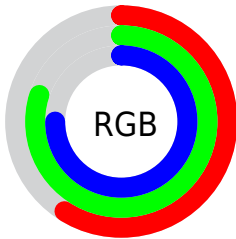
Format	Color
RYB	151, 181, 203
Decimal	9948094
CIELab	77.88, -19.60, 1.00
CIElCh	78, 19.625, 177.072
Yxy	53.0089, 0.2836, 0.3463
Android (android.graphics.Color)	4288138174 (0xFF97CBBE)
YUV	185.9700, 1.9868, -30.6687
Hunter-Lab	72.8072, -20.9821, 4.8309

Details

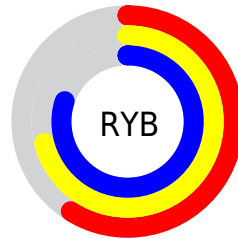
The Yxy color **53.0089, 0.2836, 0.3463** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.5112, 0.3532, 0.3125**, and the grayscale version is **49.0856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2956, 0.2885, 0.3383**, and **25.9537, 0.2759, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **51.0148, 0.2736, 0.3541**, and if you desaturate by 10%, it is **55.3495, 0.2945, 0.3391**.

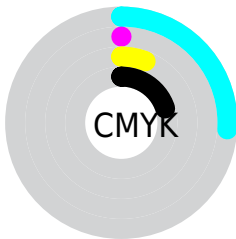
Distribution



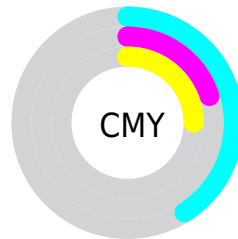
- Red (59%)
- Green (80%)
- Blue (75%)



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



- Cyan (26%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)





- Cyan (41%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0089, 0.2836, 0.3463 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 53.0089, 0.2836, 0.3463 by changing the saturation by 10% instead.


 53.0089, 0.2836,
0.3463


 53.0089, 0.2836,
0.3463

398.3193, 0.2978,
0.3378

 37.8099, 0.2801,
0.3484


 94.6175, 0.2887,
0.3432

 25.8352, 0.2757,
0.3510


 121.7958, 0.2906,
0.3421

 16.7004, 0.2700,
0.3545


153.7360, 0.2923,
0.3411

 10.0211, 0.2621,
0.3593

190.8225, 0.2937,
0.3403

 5.4129, 0.2507,
0.3662

233.4397, 0.2949,
0.3395

 2.4915, 0.2327,
0.3773

281.9720, 0.2960,

 0.8724, 0.1668,

0.3389

0.4148

336.8037, 0.2970,
0.3383

0.0000, 0.0000,
0.0000

53.0089, 0.2836,
0.3463

53.0089, 0.2836,
0.3463

51.0148, 0.2736,
0.3541

55.3495, 0.2945,
0.3391

49.3434, 0.2649,
0.3625

58.0462, 0.3060,
0.3324

47.9783, 0.2577,
0.3713


61.1159, 0.3180,
0.3265


46.8988, 0.2522,
0.3805


64.5729, 0.3301,
0.3211

46.0815, 0.2487,
0.3898


68.4305, 0.3421,
0.3164

 45.4994, 0.2471,
0.3991


 69.1671, 0.3402,
0.3113

 45.1192, 0.2474,
0.4084

 69.4412, 0.3364,
0.3063

 44.9880, 0.2479,
0.4124

 69.7236, 0.3326,
0.3013

 70.0143, 0.3288,
0.2963

Harmonies

Analogous

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



53.0089, 0.3077, 0.3668



53.0089, 0.2836, 0.3463



53.0089, 0.2676, 0.3214

Triad

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



53.0089, 0.2836, 0.3463



53.0089, 0.2903, 0.2861



53.0089, 0.3648, 0.3550

Complementary

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



53.0089, 0.2836, 0.3463



37.5112, 0.3532, 0.3125

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.



53.0089, 0.3600, 0.3336



53.0089, 0.2836, 0.3463



53.0089, 0.3160, 0.2950

Square

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



53.0089, 0.2836, 0.3463



53.0089, 0.2713, 0.2876



53.0089, 0.3418, 0.3121



53.0089, 0.3551, 0.3708

Rectangle

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



53.0089, 0.2836, 0.3463



53.0089, 0.2632, 0.3063



53.0089, 0.3418, 0.3121



53.0089, 0.3649, 0.3482

Sweetspot

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



53.0111, 0.2836, 0.3463



96.0096, 0.3031, 0.3340



52.9341, 0.3199, 0.3991



20.3992, 0.3013, 0.3350



0.0000, 0.0000, 0.0000



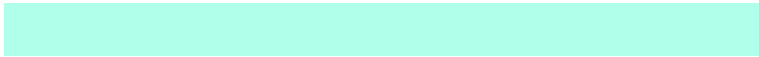
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0111, 0.2836, 0.3463



86.7549, 0.2777, 0.3508



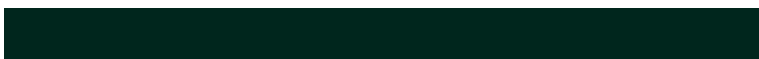
48.0966, 0.2740, 0.3127



12.6772, 0.3016, 0.3349



28.6436, 0.2475, 0.4112



1.4894, 0.2425, 0.3931

Inverse Universe

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



37.5112, 0.3532, 0.3125



56.2645, 0.3657, 0.3085



41.1737, 0.3628, 0.3447



11.2590, 0.3251, 0.3232



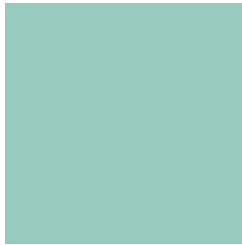
8.2435, 0.5910, 0.3029



0.4378, 0.5338, 0.2715

Previews

White Background



This preview shows how the Yxy color 53.0089, 0.2836, 0.3463 looks on a white background.

Color Contrast Check

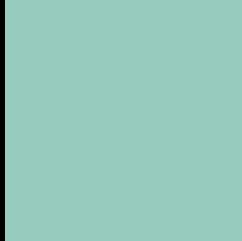
Large Text (above 18pt) WCAG AA × Fail

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 53.0089, 0.2836, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

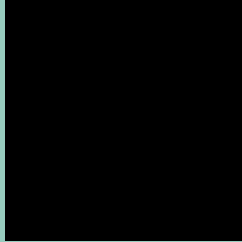
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

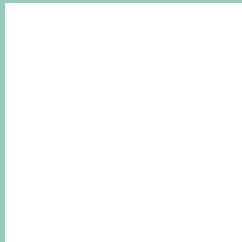
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0089, 0.2836, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 53.0089, 0.2836, 0.3463.



This preview shows how white text looks on a background with the Yxy color 53.0089, 0.2836, 0.3463.

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

53.0089, 0.2836, 0.3463

Protanopia

52.5508, 0.3238, 0.3389

Deuteranopia

52.7145, 0.3266, 0.3196



Tritanopia

52.8211, 0.2709, 0.3084

Trichromacy



Original Color

53.0089, 0.2836, 0.3463

Protanomaly

52.2787, 0.3074, 0.3405

Deuteranomaly

52.3683, 0.3096, 0.3277

Tritanomaly

52.6348, 0.2752, 0.3211

Monochromacy



Original Color

53.0089, 0.2836, 0.3463

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.1714, 0.3013, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0089, 0.2836, 0.3463 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, 203, 190)` looks like.

```
.text, #text, p{  
    color:rgb(151, 203, 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, 203, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 203, 190) }
```

Border

The CSS property to change the border of an element to Yxy 53.0089, 0.2836, 0.3463 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, 203, 190) }
```

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

```
.border{ border-color:rgb(151, 203, 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, 203, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 203, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 203, 190);  
box-shadow:4px 4px 4px 4px rgb(151, 203,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0089, 0.2836, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 203, 190) }
```

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

```
.background{ background-color: rgb(151,  
203, 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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