

Converting Colors

$Yxy(53.3496, 0.2797, 0.3368)$

Have a look what the booklet for
Yxy(53.3496, 0.2797, 0.3368)
contains.

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Color

Yxy(53.4185, 0.2798, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	98CBC5
RGB	152, 203, 197
RGB Percent	60%, 80%, 77%
CMY	0.4041, 0.2039, 0.2274
CMYK	0.25, 0.00, 0.03, 0.20
HSL	173°, 33%, 70%
HSV	173°, 25%, 80%
XYZ	44.3780, 53.4185, 60.8095
YIQ	187.0670, -28.4700, -12.6780

Conversions

Conversions Part 2

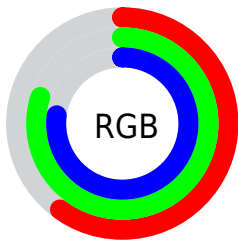
Format	Color
RYB	152, 179, 203
Decimal	10013637
CIELab	78.12, -17.80, -2.42
CIElCh	78, 17.966, 187.755
Yxy	53.4185, 0.2798, 0.3368
Android (android.graphics.Color)	4288203717 (0xFF98CBC5)
YUV	187.0670, 4.8970, -30.7538
Hunter-Lab	73.0880, -19.5213, 1.8320

Details

The Yxy color **53.4185, 0.2798, 0.3368** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.6053, 0.3592, 0.3214**, and the grayscale version is **49.7142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9412, 0.2849, 0.3300**, and **26.1307, 0.2711, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **51.5191, 0.2684, 0.3403**, and if you desaturate by 10%, it is **55.6592, 0.2923, 0.3335**.

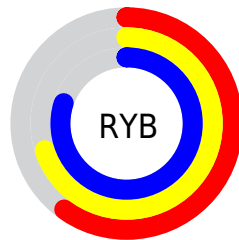
Distribution



Red (60%)

Green (80%)

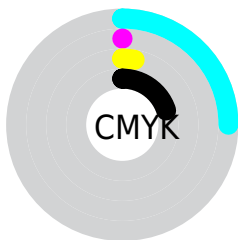
Blue (77%)



Red (60%)

Yellow (70%)

Blue (80%)

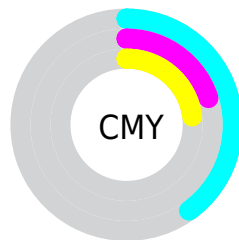


Cyan (25%)

Magenta (0%)

Yellow (3%)

Black (20%)



Cyan (40%)


Magenta (20%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4185, 0.2798, 0.3368 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 53.4185, 0.2798, 0.3368 by changing the saturation by 10% instead.


 53.4185, 0.2798,
0.3368

 53.4185, 0.2798,
0.3368


399.8887, 0.2958,
0.3331

 38.1370, 0.2759,
0.3377


 95.2199, 0.2855,
0.3355

 26.0890, 0.2711,
0.3387

 122.5086, 0.2877,
0.3350

 16.8902, 0.2647,
0.3401


154.5684, 0.2895,
0.3346

 10.1563, 0.2561,
0.3419

191.7837, 0.2911,
0.3342

 5.5027, 0.2437,
0.3443

234.5391, 0.2925,
0.3339

 2.5451, 0.2245,
0.3479

283.2187, 0.2937,

 0.8992, 0.1694,

0.3336

0.3626

338.2071, 0.2948,
0.3334

0.0000, 0.0000,
0.0000

53.4185, 0.2798,
0.3368

53.4185, 0.2798,
0.3368

51.5191, 0.2684,
0.3403

55.6592, 0.2923,
0.3335

49.9373, 0.2584,
0.3441

58.2506, 0.3056,
0.3305

48.6568, 0.2500,
0.3480

61.2096, 0.3195,
0.3277

47.6571, 0.2435,
0.3520

64.5503, 0.3336,
0.3252

46.9151, 0.2388,
0.3561

68.2860, 0.3478,
0.3230

■ 46.4040, 0.2361,
0.3602

■ 68.6962, 0.3472,
0.3206

■ 46.0913, 0.2351,
0.3642

■ 68.8167, 0.3454,
0.3182

■ 45.9808, 0.2351,
0.3662

■ 68.9390, 0.3436,
0.3158

■ 69.0631, 0.3417,
0.3134

Harmonies

Analogous

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



53.4185, 0.2998, 0.3577



53.4185, 0.2798, 0.3368



53.4185, 0.2686, 0.3145

Triad

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



53.4185, 0.2798, 0.3368



53.4185, 0.3002, 0.2915



53.4185, 0.3586, 0.3589

Complementary

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



53.4185, 0.2798, 0.3368



37.6053, 0.3592, 0.3214

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.



53.4185, 0.3589, 0.3406



53.4185, 0.2798, 0.3368



53.4185, 0.3245, 0.3027

Square

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



53.4185, 0.2798, 0.3368



53.4185, 0.2800, 0.2894



53.4185, 0.3463, 0.3203



53.4185, 0.3455, 0.3701

Rectangle

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



53.4185, 0.2798, 0.3368



53.4185, 0.2674, 0.3022



53.4185, 0.3463, 0.3203



53.4185, 0.3602, 0.3533

Sweetspot

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



53.4207, 0.2798, 0.3368



96.1811, 0.3016, 0.3313



52.3293, 0.3145, 0.3988



20.4426, 0.2996, 0.3318



0.0000, 0.0000, 0.0000



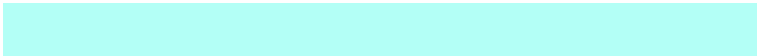
21.4041, 0.3127, 0.3290

Same Dimension

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



53.4207, 0.2798, 0.3368



87.6999, 0.2737, 0.3386



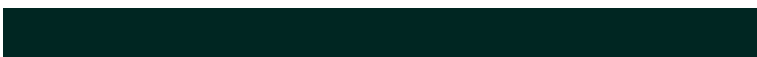
45.3845, 0.2739, 0.3037



12.7035, 0.2999, 0.3317



29.2668, 0.2349, 0.3656



1.5164, 0.2327, 0.3577

Inverse Universe

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



37.6053, 0.3592, 0.3214



56.9081, 0.3725, 0.3198



43.9662, 0.3596, 0.3529



11.2347, 0.3272, 0.3263



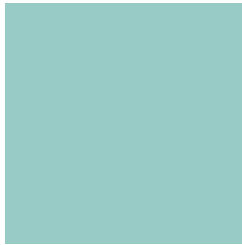
8.1285, 0.6244, 0.3213



0.4267, 0.5838, 0.2990

Previews

White Background



This preview shows how the Yxy color 53.4185, 0.2798, 0.3368 looks on a white background.

Color Contrast Check

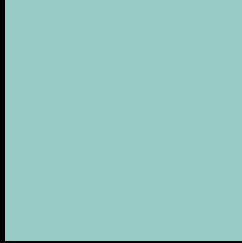
Large Text (above 18pt) WCAG AA × Fail

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 53.4185, 0.2798, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

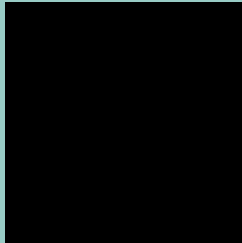
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

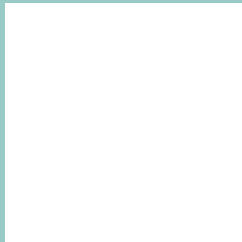
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4185, 0.2798, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 53.4185, 0.2798, 0.3368.



This preview shows how white text looks on a background with the Yxy color 53.4185, 0.2798, 0.3368.

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

53.4185, 0.2798, 0.3368

Protanopia

53.1527, 0.3175, 0.3315

Deuteranopia

53.1207, 0.3201, 0.3136



Tritanopia

53.3343, 0.2705, 0.3085

Trichromacy



Original Color

53.4185, 0.2798, 0.3368

Protanomaly

53.0334, 0.3024, 0.3328

Deuteranomaly

52.9548, 0.3043, 0.3216

Tritanomaly

53.3453, 0.2742, 0.3186

Monochromacy



Original Color

53.4185, 0.2798, 0.3368

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.9002, 0.2992, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4185, 0.2798, 0.3368 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(152, 203, 197)` looks like.

```
.text, #text, p{  
    color:rgb(152, 203, 197)  
}
```

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(152, 203, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 203, 197) }
```

Border

The CSS property to change the border of an element to Yxy 53.4185, 0.2798, 0.3368 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(152, 203, 197) }
```

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

```
.border{ border-color:rgb(152, 203, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 203, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 203, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 203, 197);  
box-shadow:4px 4px 4px 4px rgb(152, 203,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4185, 0.2798, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 203, 197) }
```

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

```
.background{ background-color: rgb(152,  
203, 197) }
```

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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