

Converting Colors

$Yxy(53.9761, 0.2872, 0.3761)$

Have a look what the booklet for
Yxy(53.9761, 0.2872, 0.3761)
contains.

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Color

Yxy(53.8305, 0.2874, 0.3757)

Conversions

Conversions Part 1

Format	Color
Hex	8DD0AE
RGB	141, 208, 174
RGB Percent	55%, 82%, 68%
CMY	0.4471, 0.1843, 0.3176
CMYK	0.32, 0.00, 0.16, 0.18
HSL	150°, 42%, 68%
HSV	150°, 32%, 82%
XYZ	41.1788, 53.8305, 48.2712
YIQ	184.0910, -29.0180, -24.7780

Conversions

Conversions Part 2

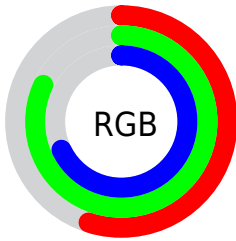
Format	Color
RYB	141, 186, 208
Decimal	9293998
CIELab	78.36, -28.40, 10.19
CIELCh	78, 30.171, 160.253
Yxy	53.8305, 0.2874, 0.3757
Android (android.graphics.Color)	4287484078 (0xFF8DD0AE)
YUV	184.0910, -4.9749, -37.7908
Hunter-Lab	73.3693, -28.2123, 12.3503

Details

The Yxy color **53.8305, 0.2874, 0.3757** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.5492, 0.3491, 0.2868**, and the grayscale version is **48.0250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9129, 0.2918, 0.3570**, and **26.2623, 0.2797, 0.3881** is the 20% darker color. If you saturate the color by 10%, you get **51.7821, 0.2808, 0.3932**, and if you desaturate by 10%, it is **56.2580, 0.2948, 0.3595**.

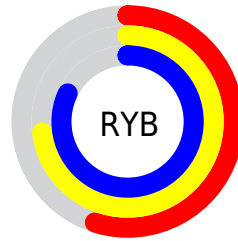
Distribution



Red (55%)

Green (82%)

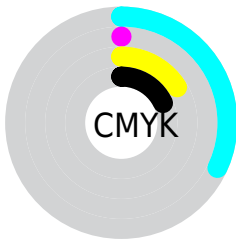
Blue (68%)



Red (55%)

Yellow (73%)

Blue (82%)

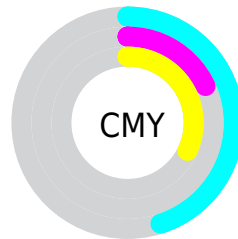


Cyan (32%)

Magenta (0%)

Yellow (16%)

Black (18%)



Cyan (45%)


Magenta (18%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8305, 0.2874, 0.3757 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 53.8305, 0.2874, 0.3757 by changing the saturation by 10% instead.


 53.8305, 0.2874,
0.3757

 53.8305, 0.2874,
0.3757


401.4633, 0.3001,
0.3522

 38.4662, 0.2842,
0.3816


 95.8253, 0.2920,
0.3671

 26.3447, 0.2801,
0.3893

 123.2246, 0.2938,
0.3639

 17.0817, 0.2747,
0.3995


155.4043, 0.2952,
0.3612

 10.2927, 0.2670,
0.4139

192.7489, 0.2965,
0.3589

 5.5935, 0.2556,
0.4356

235.6427, 0.2976,
0.3568

 2.5995, 0.2368,
0.4717

284.4701, 0.2985,

 0.9264, 0.1326,

0.3551

0.6577

339.6155, 0.2994,
0.3535

0.0000, 0.0000,
0.0000

53.8305, 0.2874,
0.3757

53.8305, 0.2874,
0.3757

51.7821, 0.2808,
0.3932

56.2580, 0.2948,
0.3595

50.0863, 0.2754,
0.4120

59.0765, 0.3027,
0.3449

48.7234, 0.2715,
0.4315

62.3053, 0.3109,
0.3317

47.6690, 0.2694,
0.4515

65.9606, 0.3191,
0.3200


46.8951, 0.2692,
0.4713


70.0576, 0.3273,
0.3097

 46.3684, 0.2710,
0.4904

 72.5076, 0.3272,
0.2998

 46.0847, 0.2735,
0.5045

 73.1436, 0.3198,
0.2898

 73.5951, 0.3149,
0.2831

Harmonies

Analogous

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



53.8305, 0.3269, 0.3985



53.8305, 0.2874, 0.3757



53.8305, 0.2560, 0.3381

Triad

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



53.8305, 0.2874, 0.3757



53.8305, 0.2609, 0.2639



53.8305, 0.3915, 0.3492

Complementary

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



53.8305, 0.2874, 0.3757



35.5492, 0.3491, 0.2868

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.



53.8305, 0.3717, 0.3166



53.8305, 0.2874, 0.3757



53.8305, 0.2946, 0.2693

Square

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



53.8305, 0.2874, 0.3757



53.8305, 0.2416, 0.2743



53.8305, 0.3353, 0.2882



53.8305, 0.3883, 0.3793

Rectangle

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



53.8305, 0.2874, 0.3757



53.8305, 0.2433, 0.3122



53.8305, 0.3353, 0.2882



53.8305, 0.3873, 0.3382

Sweetspot

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



53.8327, 0.2874, 0.3757



94.6753, 0.3044, 0.3420



56.2224, 0.3345, 0.4163



20.1159, 0.3032, 0.3439



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.



53.8327, 0.2874, 0.3757



82.9299, 0.2826, 0.3883



55.2757, 0.2677, 0.3303



13.3020, 0.3050, 0.3410



28.7399, 0.2728, 0.5020



1.6230, 0.2633, 0.4679

Inverse Universe

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



35.5492, 0.3491, 0.2868



49.3417, 0.3605, 0.2771



34.4111, 0.3851, 0.3278



11.9069, 0.3212, 0.3173



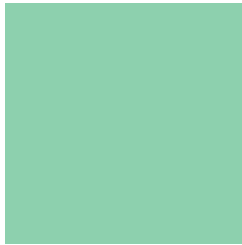
9.0193, 0.4915, 0.2481



0.5203, 0.4518, 0.2263

Previews

White Background



This preview shows how the Yxy color 53.8305, 0.2874, 0.3757 looks on a white background.

Color Contrast Check

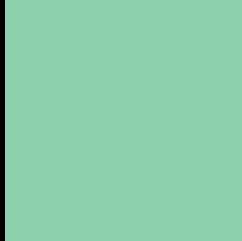
Large Text (above 18pt) WCAG AA × Fail

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 53.8305, 0.2874, 0.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

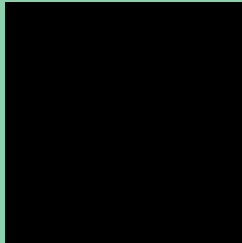
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8305, 0.2874, 0.3757

Background



This preview shows how black text looks on a background with the Yxy color 53.8305, 0.2874, 0.3757.

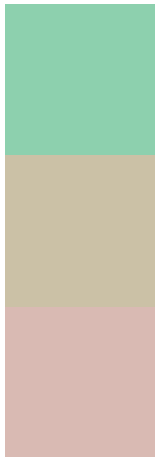


This preview shows how white text looks on a background with the Yxy color 53.8305, 0.2874, 0.3757.

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

53.8305, 0.2874, 0.3757

Protanopia

53.5896, 0.3419, 0.3623

Deuteranopia

53.1242, 0.3449, 0.3374



Tritanopia

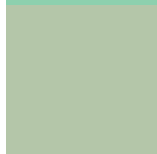
53.7870, 0.2658, 0.3084

Trichromacy



Original Color

53.8305, 0.2874, 0.3757



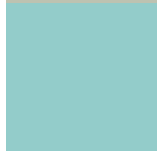
Protanomaly

52.9560, 0.3197, 0.3666



Deuteranomaly

52.5767, 0.3214, 0.3505



Tritanomaly

53.6530, 0.2736, 0.3315

Monochromacy



Original Color

53.8305, 0.2874, 0.3757



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

49.7600, 0.3024, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8305, 0.2874, 0.3757 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(141, 208, 174)` looks like.

```
.text, #text, p{  
    color:rgb(141, 208, 174)  
}
```

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(141, 208, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 208, 174) }
```

Border

The CSS property to change the border of an element to Yxy 53.8305, 0.2874, 0.3757 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(141, 208, 174) }
```

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

```
.border{ border-color:rgb(141, 208, 174) }
```

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

Here you see how a box with a 4 pixel rgb(141, 208, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 208, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 208, 174);  
box-shadow:4px 4px 4px 4px rgb(141, 208,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8305, 0.2874, 0.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 208, 174) }
```

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

```
.background{ background-color: rgb(141,  
208, 174) }
```

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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