

Converting Colors

$Yxy(54.1427, 0.2806, 0.3750)$

Have a look what the booklet for
Yxy(54.1427, 0.2806, 0.3750)
contains.

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Color

Yxy(54.2541, 0.2807, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	85D2B1
RGB	133, 210, 177
RGB Percent	52%, 82%, 69%
CMY	0.4785, 0.1764, 0.3059
CMYK	0.37, 0.00, 0.16, 0.18
HSL	154°, 46%, 67%
HSV	154°, 37%, 82%
XYZ	40.6544, 54.2541, 49.9236
YIQ	183.2150, -35.2990, -26.5870

Conversions

Conversions Part 2

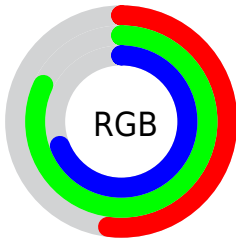
Format	Color
RYB	133, 182, 210
Decimal	8770225
CIELab	78.61, -31.07, 8.90
CIElCh	79, 32.323, 164.020
Yxy	54.2541, 0.2807, 0.3746
Android (android.graphics.Color)	4286960305 (0xFF85D2B1)
YUV	183.2150, -3.0640, -44.0386
Hunter-Lab	73.6574, -30.3793, 11.3745

Details

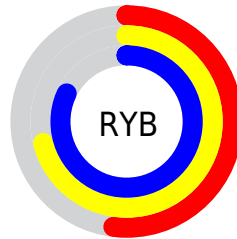
The Yxy color **54.2541, 0.2807, 0.3746** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.2293, 0.3628, 0.2880**, and the grayscale version is **47.5100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2220, 0.2858, 0.3528**, and **26.5602, 0.2719, 0.3885** is the 20% darker color. If you saturate the color by 10%, you get **52.3674, 0.2738, 0.3897**, and if you desaturate by 10%, it is **56.5106, 0.2886, 0.3606**.

Distribution



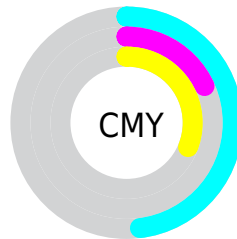
- Red (52%)
- Green (82%)
- Blue (69%)



- Red (52%)
- Yellow (71%)
- Blue (82%)



- Cyan (37%)
- Magenta (0%)
- Yellow (16%)
- Black (18%)





- Cyan (48%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2541, 0.2807, 0.3746 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 54.2541, 0.2807, 0.3746 by changing the saturation by 10% instead.


 54.2541, 0.2807,
0.3746


 54.2541, 0.2807,
0.3746


403.0782, 0.2966,
0.3517

 38.8048, 0.2768,
0.3804


 96.4472, 0.2865,
0.3662

 26.6079, 0.2717,
0.3878

 123.9599, 0.2886,
0.3631

 17.2790, 0.2650,
0.3977


 156.2625, 0.2905,
0.3605

 10.4336, 0.2558,
0.4115

193.7394, 0.2920,
0.3582

 5.6874, 0.2422,
0.4323

236.7751, 0.2934,
0.3563

 2.6559, 0.2202,
0.4668

285.7538, 0.2946,

 0.9549, 0.0971,

0.3545

0.6291

341.0601, 0.2957,
0.3530

0.0000, 0.0000,
0.0000

54.2541, 0.2807,
0.3746

54.2541, 0.2807,
0.3746

52.3674, 0.2738,
0.3897

56.5106, 0.2886,
0.3606

50.8229, 0.2684,
0.4057

59.1495, 0.2973,
0.3477

49.5997, 0.2646,
0.4222

62.1909, 0.3065,
0.3361


48.6717, 0.2627,
0.4391


65.6513, 0.3158,
0.3257


48.0085, 0.2629,
0.4558


69.5467, 0.3253,
0.3164

 47.5709, 0.2650,
0.4720

 73.1255, 0.3315,
0.3080

 47.4519, 0.2659,
0.4773

 73.6473, 0.3251,
0.2993

 74.1956, 0.3189,
0.2907

 74.5758, 0.3148,
0.2851

Harmonies

Analogous

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



54.2541, 0.3223, 0.4019



54.2541, 0.2807, 0.3746



54.2541, 0.2491, 0.3332

Triad

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



54.2541, 0.2807, 0.3746



54.2541, 0.2613, 0.2596



54.2541, 0.3979, 0.3545

Complementary

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



54.2541, 0.2807, 0.3746



33.2293, 0.3628, 0.2880

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.



54.2541, 0.3797, 0.3198



54.2541, 0.2807, 0.3746



54.2541, 0.2985, 0.2674

Square

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



54.2541, 0.2807, 0.3746



54.2541, 0.2387, 0.2683



54.2541, 0.3422, 0.2889



54.2541, 0.3913, 0.3859

Rectangle

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



54.2541, 0.2807, 0.3746



54.2541, 0.2372, 0.3060



54.2541, 0.3422, 0.2889



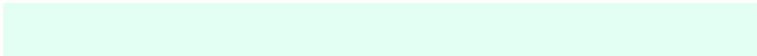
54.2541, 0.3945, 0.3430

Sweetspot

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



54.2563, 0.2807, 0.3746



94.3125, 0.3024, 0.3411



55.9358, 0.3321, 0.4312



20.0486, 0.3011, 0.3427



0.0000, 0.0000, 0.0000



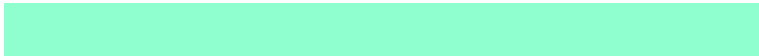
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2563, 0.2807, 0.3746



81.8426, 0.2752, 0.3863



53.2407, 0.2607, 0.3220



13.3179, 0.3039, 0.3391



28.9638, 0.2653, 0.4749



1.6352, 0.2570, 0.4453

Inverse Universe

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



33.2293, 0.3628, 0.2880



44.6015, 0.3784, 0.2793



33.6098, 0.3988, 0.3358



11.8912, 0.3224, 0.3191



8.8274, 0.5244, 0.2663



0.5093, 0.4780, 0.2407

Previews

White Background



This preview shows how the Yxy color 54.2541, 0.2807, 0.3746 looks on a white background.

Color Contrast Check

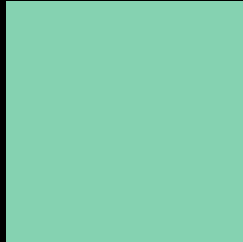
Large Text (above 18pt) WCAG AA × Fail

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 54.2541, 0.2807, 0.3746 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 54.2541, 0.2807, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 54.2541, 0.2807, 0.3746.

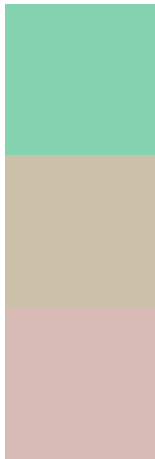


This preview shows how white text looks on a background with the Yxy color 54.2541, 0.2807, 0.3746.

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

54.2541, 0.2807, 0.3746

Protanopia

53.6636, 0.3404, 0.3598

Deuteranopia

53.6698, 0.3422, 0.3350



Tritanopia

54.1927, 0.2608, 0.3083

Trichromacy



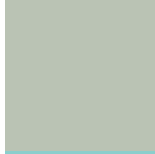
Original Color

54.2541, 0.2807, 0.3746



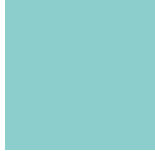
Protanomaly

53.2521, 0.3165, 0.3653



Deuteranomaly

52.7646, 0.3166, 0.3480



Tritanomaly

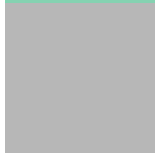
53.9912, 0.2678, 0.3315

Monochromacy



Original Color

54.2541, 0.2807, 0.3746



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.4755, 0.2993, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2541, 0.2807, 0.3746 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(133, 210, 177)` looks like.

```
.text, #text, p{  
    color:rgb(133, 210, 177)  
}
```

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(133, 210, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 210, 177) }
```

Border

The CSS property to change the border of an element to Yxy 54.2541, 0.2807, 0.3746 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(133, 210, 177) }
```

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

```
.border{ border-color:rgb(133, 210, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 210, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 210, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 210, 177);  
box-shadow:4px 4px 4px 4px rgb(133, 210,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2541, 0.2807, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 210, 177) }
```

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

```
.background{ background-color: rgb(133,  
210, 177) }
```

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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