

Converting Colors

$Yxy(54.2357, 0.2838, 0.3633)$

Have a look what the booklet for
Yxy(54.2357, 0.2838, 0.3633)
contains.

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Color

Yxy(54.3288, 0.2838, 0.3642)

Conversions

Conversions Part 1

Format	Color
Hex	8FD0B6
RGB	143, 208, 182
RGB Percent	56%, 82%, 71%
CMY	0.4389, 0.1843, 0.2863
CMYK	0.31, 0.00, 0.12, 0.18
HSL	156°, 41%, 69%
HSV	156°, 31%, 82%
XYZ	42.3353, 54.3288, 52.5089
YIQ	185.6010, -30.3940, -21.8660

Conversions

Conversions Part 2

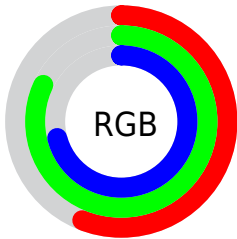
Format	Color
RYB	143, 184, 208
Decimal	9425078
CIELab	78.65, -26.14, 6.36
CIElCh	79, 26.900, 166.333
Yxy	54.3288, 0.2838, 0.3642
Android (android.graphics.Color)	4287615158 (0xFF8FD0B6)
YUV	185.6010, -1.7753, -37.3611
Hunter-Lab	73.7081, -26.4651, 9.3581

Details

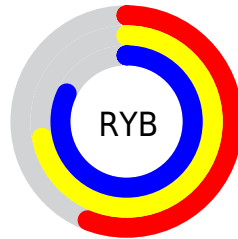
The Yxy color **54.3288, 0.2838, 0.3642** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.9413, 0.3549, 0.2966**, and the grayscale version is **48.8995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6988, 0.2882, 0.3471**, and **26.5411, 0.2757, 0.3740** is the 20% darker color. If you saturate the color by 10%, you get **52.3084, 0.2760, 0.3777**, and if you desaturate by 10%, it is **56.7184, 0.2925, 0.3517**.

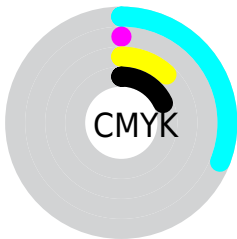
Distribution



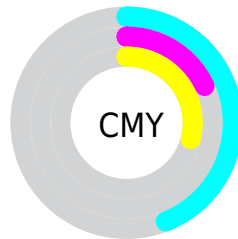
- Red (56%)
- Green (82%)
- Blue (71%)



- Red (56%)
- Yellow (72%)
- Blue (82%)



- Cyan (31%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (44%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3288, 0.2838, 0.3642 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 54.3288, 0.2838, 0.3642 by changing the saturation by 10% instead.


 54.3288, 0.2838,
0.3642


 54.3288, 0.2838,
0.3642


403.3626, 0.2981,
0.3466

 38.8646, 0.2803,
0.3686


 96.5568, 0.2889,
0.3578

 26.6544, 0.2758,
0.3742


 124.0895, 0.2909,
0.3554

 17.3138, 0.2699,
0.3816


156.4137, 0.2925,
0.3534

 10.4585, 0.2618,
0.3920

193.9139, 0.2940,
0.3517

 5.7040, 0.2500,
0.4075

236.9745, 0.2952,
0.3502

 2.6659, 0.2310,
0.4328

285.9799, 0.2963,

 0.9599, 0.1488,

0.3488

0.5243

341.3145, 0.2972,
0.3477

0.0000, 0.0000,
0.0000

54.3288, 0.2838,
0.3642

54.3288, 0.2838,
0.3642

52.3084, 0.2760,
0.3777

56.7184, 0.2925,
0.3517

50.6310, 0.2695,
0.3921

59.4883, 0.3018,
0.3404

49.2776, 0.2645,
0.4072


62.6576, 0.3115,
0.3302


48.2245, 0.2613,
0.4227


66.2419, 0.3214,
0.3210

47.4448, 0.2601,
0.4384


70.2560, 0.3311,
0.3129

 46.9060, 0.2610,
0.4538

 72.1921, 0.3311,
0.3050

 46.5813, 0.2631,
0.4671

 72.6766, 0.3251,
0.2970

 73.1838, 0.3193,
0.2890

 73.5880, 0.3149,
0.2831

Harmonies

Analogous

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



54.3288, 0.3183, 0.3878



54.3288, 0.2838, 0.3642



54.3288, 0.2579, 0.3302

Triad

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



54.3288, 0.2838, 0.3642



54.3288, 0.2717, 0.2706



54.3288, 0.3838, 0.3533

Complementary

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



54.3288, 0.2838, 0.3642



35.9413, 0.3549, 0.2966

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.



54.3288, 0.3701, 0.3240



54.3288, 0.2838, 0.3642



54.3288, 0.3038, 0.2780

Square

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



54.3288, 0.2838, 0.3642



54.3288, 0.2514, 0.2772



54.3288, 0.3402, 0.2971



54.3288, 0.3770, 0.3787

Rectangle

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



54.3288, 0.2838, 0.3642



54.3288, 0.2485, 0.3080



54.3288, 0.3402, 0.2971



54.3288, 0.3815, 0.3436

Sweetspot

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



54.3310, 0.2838, 0.3642



95.3264, 0.3039, 0.3381



55.6527, 0.3288, 0.4147



20.2528, 0.3024, 0.3397



0.0000, 0.0000, 0.0000



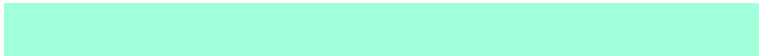
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3310, 0.2838, 0.3642



84.0821, 0.2788, 0.3725



52.9141, 0.2674, 0.3217



13.3236, 0.3036, 0.3385



29.0541, 0.2625, 0.4649



1.6400, 0.2548, 0.4371

Inverse Universe

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



35.9413, 0.3549, 0.2966



50.7245, 0.3667, 0.2899



36.7244, 0.3811, 0.3361



11.8856, 0.3229, 0.3197



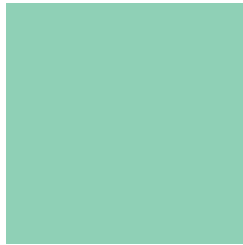
8.7677, 0.5360, 0.2726



0.5057, 0.4875, 0.2459

Previews

White Background



This preview shows how the Yxy color 54.3288, 0.2838, 0.3642 looks on a white background.

Color Contrast Check

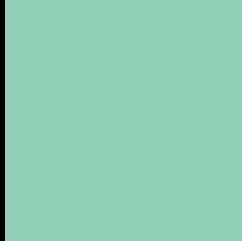
Large Text (above 18pt) WCAG AA × Fail

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 54.3288, 0.2838, 0.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

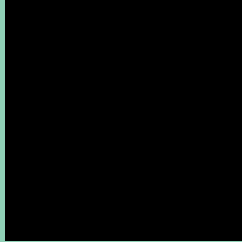
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

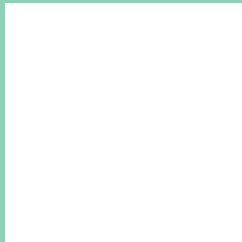
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3288, 0.2838, 0.3642

Background



This preview shows how black text looks on a background with the Yxy color 54.3288, 0.2838, 0.3642.



This preview shows how white text looks on a background with the Yxy color 54.3288, 0.2838, 0.3642.

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**

54.3288, 0.2838, 0.3642

Protanopia

53.7525, 0.3348, 0.3524

Deuteranopia

53.5329, 0.3372, 0.3303



Tritanopia

54.4057, 0.2660, 0.3085

Trichromacy



Original Color

54.3288, 0.2838, 0.3642

Protanomaly

53.3862, 0.3146, 0.3559

Deuteranomaly

53.3518, 0.3153, 0.3415

Tritanomaly

54.4148, 0.2720, 0.3276

Monochromacy



Original Color

54.3288, 0.2838, 0.3642

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.6324, 0.3004, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3288, 0.2838, 0.3642 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(143, 208, 182)` looks like.

```
.text, #text, p{  
    color:rgb(143, 208, 182)  
}
```

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(143, 208, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 208, 182) }
```

Border

The CSS property to change the border of an element to Yxy 54.3288, 0.2838, 0.3642 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(143, 208, 182) }
```

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

```
.border{ border-color:rgb(143, 208, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 208, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 208, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 208, 182);  
box-shadow:4px 4px 4px 4px rgb(143, 208,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3288, 0.2838, 0.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 208, 182) }
```

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

```
.background{ background-color: rgb(143,  
208, 182) }
```

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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