

Converting Colors

$Yxy(50.3566, 0.2865, 0.3656)$

Have a look what the booklet for
Yxy(50.3566, 0.2865, 0.3656)
contains.

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Color

Yxy(50.4920, 0.2869, 0.3667)

Conversions

Conversions Part 1

Format	Color
Hex	8DC9AE
RGB	141, 201, 174
RGB Percent	55%, 79%, 68%
CMY	0.4472, 0.2117, 0.3177
CMYK	0.30, 0.00, 0.13, 0.21
HSL	153°, 36%, 67%
HSV	153°, 30%, 79%
XYZ	39.5041, 50.4920, 47.6968
YIQ	179.9820, -27.0930, -21.1170

Conversions

Conversions Part 2

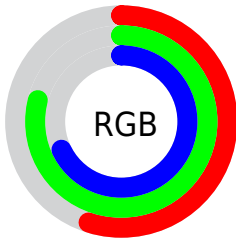
Format	Color
RYB	141, 180, 201
Decimal	9292206
CIELab	76.37, -25.01, 7.37
CIElCh	76, 26.070, 163.589
Yxy	50.4920, 0.2869, 0.3667
Android (android.graphics.Color)	4287482286 (0xFF8DC9AE)
YUV	179.9820, -2.9491, -34.1872
Hunter-Lab	71.0577, -25.1150, 9.9425

Details

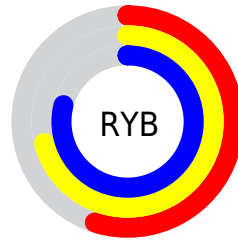
The Yxy color **50.4920, 0.2869, 0.3667** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.2843, 0.3492, 0.2943**, and the grayscale version is **45.6545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9129, 0.2918, 0.3570**, and **24.3964, 0.2795, 0.3775** is the 20% darker color. If you saturate the color by 10%, you get **48.5485, 0.2795, 0.3818**, and if you desaturate by 10%, it is **52.7832, 0.2951, 0.3528**.

Distribution



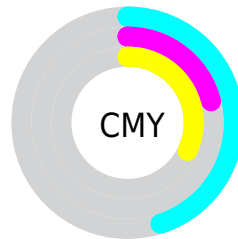
- Red (55%)
- Green (79%)
- Blue (68%)



- Red (55%)
- Yellow (71%)
- Blue (79%)



- Cyan (30%)
- Magenta (0%)
- Yellow (13%)
- Black (21%)





- Cyan (45%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4920, 0.2869, 0.3667 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 50.4920, 0.2869, 0.3667 by changing the saturation by 10% instead.


 50.4920, 0.2869,
0.3667


 50.4920, 0.2869,
0.3667


388.5869, 0.2999,
0.3476


 35.8045, 0.2836,
0.3715


 90.9034, 0.2916,
0.3597

 24.2832, 0.2795,
0.3778


 117.3961, 0.2934,
0.3571

 15.5439, 0.2739,
0.3862


 148.5927, 0.2949,
0.3549

 9.2020, 0.2661,
0.3981

184.8774, 0.2962,
0.3530

 4.8731, 0.2543,
0.4162

226.6348, 0.2973,
0.3514

 2.1730, 0.2349,
0.4469

274.2493, 0.2982,

 0.7052, 0.0588,

0.3500

0.6928

328.1052, 0.2991,
0.3487

0.0000, 0.0000,
0.0000

50.4920, 0.2869,
0.3667

50.4920, 0.2869,
0.3667

48.5485, 0.2795,
0.3818

52.7832, 0.2951,
0.3528

46.9287, 0.2733,
0.3980

55.4323, 0.3038,
0.3402

45.6152, 0.2685,
0.4150

58.4568, 0.3128,
0.3289

44.5864, 0.2654,
0.4326

61.8712, 0.3219,
0.3188

43.8178, 0.2644,
0.4502

65.6890, 0.3309,
0.3099

■ 43.2806, 0.2653,
0.4676

■ 68.6563, 0.3346,
0.3016

■ 42.9210, 0.2679,
0.4843

■ 69.1730, 0.3279,
0.2928

■ 42.9169, 0.2679,
0.4845

■ 69.7164, 0.3213,
0.2842

■ 70.2597, 0.3152,
0.2762

Harmonies

Analogous

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



50.4920, 0.3216, 0.3886



50.4920, 0.2869, 0.3667



50.4920, 0.2601, 0.3334

Triad

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



50.4920, 0.2869, 0.3667



50.4920, 0.2696, 0.2710



50.4920, 0.3829, 0.3506

Complementary

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



50.4920, 0.2869, 0.3667



34.2843, 0.3492, 0.2943

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.



50.4920, 0.3676, 0.3214



50.4920, 0.2869, 0.3667



50.4920, 0.3007, 0.2771

Square

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



50.4920, 0.2869, 0.3667



50.4920, 0.2507, 0.2789



50.4920, 0.3368, 0.2952



50.4920, 0.3780, 0.3764

Rectangle

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



50.4920, 0.2869, 0.3667



50.4920, 0.2498, 0.3110



50.4920, 0.3368, 0.2952



50.4920, 0.3800, 0.3409

Sweetspot

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



50.4941, 0.2869, 0.3667



95.2565, 0.3045, 0.3393



52.1349, 0.3306, 0.4098



20.2356, 0.3032, 0.3411



0.0000, 0.0000, 0.0000



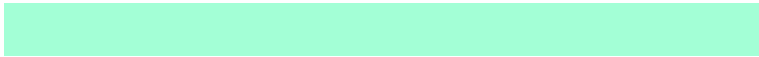
21.4041, 0.3127, 0.3290

Same Dimension

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



50.4941, 0.2869, 0.3667



84.1661, 0.2819, 0.3766



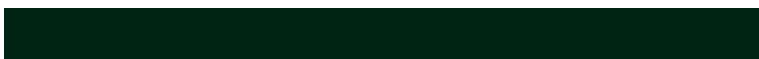
50.7292, 0.2697, 0.3262



11.9838, 0.3043, 0.3396



26.9991, 0.2673, 0.4821



1.2929, 0.2575, 0.4470

Inverse Universe

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



34.2843, 0.3492, 0.2943



51.9104, 0.3604, 0.2864



33.9747, 0.3781, 0.3318



10.7150, 0.3220, 0.3186



8.2949, 0.5149, 0.2610



0.4073, 0.4642, 0.2331

Previews

White Background



This preview shows how the Yxy color 50.4920, 0.2869, 0.3667 looks on a white background.

Color Contrast Check

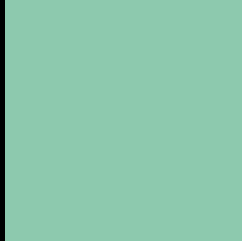
Large Text (above 18pt) WCAG AA × Fail

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 50.4920, 0.2869, 0.3667 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

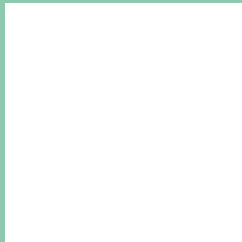
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.4920, 0.2869, 0.3667

Background



This preview shows how black text looks on a background with the Yxy color 50.4920, 0.2869, 0.3667.



This preview shows how white text looks on a background with the Yxy color 50.4920, 0.2869, 0.3667.

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

50.4920, 0.2869, 0.3667

Protanopia

50.0664, 0.3362, 0.3543

Deuteranopia

49.8174, 0.3396, 0.3327



Tritanopia

50.5726, 0.2684, 0.3092

Trichromacy



Original Color

50.4920, 0.2869, 0.3667

Protanomaly

49.8317, 0.3162, 0.3581

Deuteranomaly

49.3311, 0.3179, 0.3432

Tritanomaly

50.5764, 0.2747, 0.3289

Monochromacy



Original Color

50.4920, 0.2869, 0.3667

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

47.2878, 0.3023, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4920, 0.2869, 0.3667 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, 201, 174)` looks like.

```
.text, #text, p{  
    color:rgb(141, 201, 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, 201, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 201, 174) }
```

Border

The CSS property to change the border of an element to Yxy 50.4920, 0.2869, 0.3667 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, 201, 174) }
```

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

```
.border{ border-color:rgb(141, 201, 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, 201, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 201, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 201, 174);  
box-shadow:4px 4px 4px 4px rgb(141, 201,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4920, 0.2869, 0.3667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 201, 174) }
```

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

```
.background{ background-color: rgb(141,  
201, 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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