

Converting Colors

$Yxy(50.6826, 0.2905, 0.3650)$

Have a look what the booklet for
Yxy(50.6826, 0.2905, 0.3650)
contains.

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Color

Yxy(50.4755, 0.2903, 0.3650)

Conversions

Conversions Part 1

Format	Color
Hex	92C8AE
RGB	146, 200, 174
RGB Percent	57%, 78%, 68%
CMY	0.4275, 0.2157, 0.3177
CMYK	0.27, 0.00, 0.13, 0.22
HSL	151°, 33%, 68%
HSV	151°, 27%, 78%
XYZ	40.1453, 50.4755, 47.6682
YIQ	180.8900, -23.8380, -19.5340

Conversions

Conversions Part 2

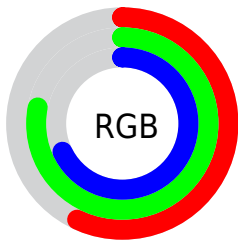
Format	Color
RYB	146, 182, 200
Decimal	9619630
CIELab	76.36, -22.96, 7.38
CIElCh	76, 24.113, 162.182
Yxy	50.4755, 0.2903, 0.3650
Android (android.graphics.Color)	4287809710 (0xFF92C8AE)
YUV	180.8900, -3.3968, -30.5985
Hunter-Lab	71.0461, -23.4675, 9.9518

Details

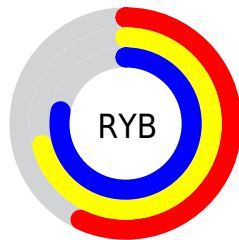
The Yxy color **50.4755, 0.2903, 0.3650** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.8113, 0.3430, 0.2957**, and the grayscale version is **46.1731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5947, 0.2947, 0.3568**, and **24.3426, 0.2837, 0.3751** is the 20% darker color. If you saturate the color by 10%, you get **48.4402, 0.2830, 0.3809**, and if you desaturate by 10%, it is **52.8626, 0.2983, 0.3505**.

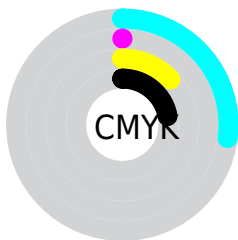
Distribution



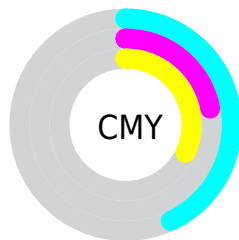
- Red (57%)
- Green (78%)
- Blue (68%)



- Red (57%)
- Yellow (71%)
- Blue (78%)



- Cyan (27%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)





- Cyan (43%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4755, 0.2903, 0.3650 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 50.4755, 0.2903, 0.3650 by changing the saturation by 10% instead.


 50.4755, 0.2903,
0.3650

 50.4755, 0.2903,
0.3650


388.5225, 0.3016,
0.3468

 35.7914, 0.2875,
0.3696


 90.8790, 0.2944,
0.3583

 24.2731, 0.2838,
0.3756


 117.3672, 0.2959,
0.3558

 15.5363, 0.2789,
0.3836


148.5588, 0.2972,
0.3537

 9.1967, 0.2721,
0.3949

184.8382, 0.2984,
0.3520

 4.8697, 0.2618,
0.4122

226.5899, 0.2993,
0.3504

 2.1710, 0.2446,
0.4414

274.1983, 0.3002,

 0.7041, 0.1023,

0.3490

0.6619

328.0477, 0.3009,
0.3479

0.0000, 0.0000,
0.0000

50.4755, 0.2903,
0.3650

50.4755, 0.2903,
0.3650

48.4402, 0.2830,
0.3809

52.8626, 0.2983,
0.3505

46.7331, 0.2767,
0.3980

55.6112, 0.3067,
0.3374

45.3374, 0.2717,
0.4161

58.7384, 0.3153,
0.3256

44.2326, 0.2684,
0.4348

62.2584, 0.3239,
0.3152

43.3951, 0.2670,
0.4537

66.1846, 0.3323,
0.3061

■ 42.7977, 0.2676,
0.4723

■ 68.3859, 0.3321,
0.2971

■ 42.4038, 0.2700,
0.4901

■ 68.9476, 0.3250,
0.2879

■ 42.3059, 0.2709,
0.4953

■ 69.5397, 0.3180,
0.2788

■ 69.7924, 0.3152,
0.2752

Harmonies

Analogous

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



50.4755, 0.3226, 0.3845



50.4755, 0.2903, 0.3650



50.4755, 0.2649, 0.3347

Triad

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



50.4755, 0.2903, 0.3650



50.4755, 0.2716, 0.2751



50.4755, 0.3773, 0.3480

Complementary

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



50.4755, 0.2903, 0.3650



35.8113, 0.3430, 0.2957

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.



50.4755, 0.3623, 0.3208



50.4755, 0.2903, 0.3650



50.4755, 0.3001, 0.2802

Square

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



50.4755, 0.2903, 0.3650



50.4755, 0.2546, 0.2833



50.4755, 0.3335, 0.2966



50.4755, 0.3738, 0.3722

Rectangle

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



50.4755, 0.2903, 0.3650



50.4755, 0.2548, 0.3139



50.4755, 0.3335, 0.2966



50.4755, 0.3743, 0.3389

Sweetspot

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



50.4776, 0.2903, 0.3650



95.7176, 0.3058, 0.3387



52.1686, 0.3297, 0.4012



20.3255, 0.3045, 0.3407



0.0000, 0.0000, 0.0000



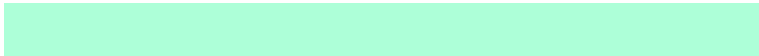
21.4041, 0.3127, 0.3290

Same Dimension

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



50.4776, 0.2903, 0.3650



85.3928, 0.2862, 0.3735



51.1764, 0.2736, 0.3277



11.9782, 0.3047, 0.3403



26.9153, 0.2703, 0.4929



1.2890, 0.2599, 0.4557

Inverse Universe

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



35.8113, 0.3430, 0.2957



56.0891, 0.3512, 0.2887



35.1863, 0.3701, 0.3304



10.7206, 0.3216, 0.3179



8.3661, 0.5017, 0.2538



0.4108, 0.4542, 0.2276

Previews

White Background



This preview shows how the Yxy color 50.4755, 0.2903, 0.3650 looks on a white background.

Color Contrast Check

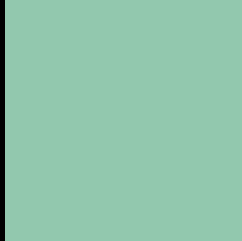
Large Text (above 18pt) WCAG AA × Fail

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 50.4755, 0.2903, 0.3650 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

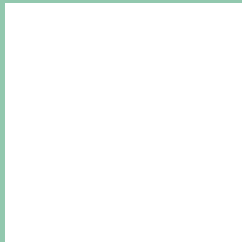
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.4755, 0.2903, 0.3650

Background



This preview shows how black text looks on a background with the Yxy color 50.4755, 0.2903, 0.3650.



This preview shows how white text looks on a background with the Yxy color 50.4755, 0.2903, 0.3650.

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

50.4755, 0.2903, 0.3650

Protanopia

50.0664, 0.3362, 0.3543

Deuteranopia

49.8174, 0.3396, 0.3327



Tritanopia

50.4557, 0.2715, 0.3093

Trichromacy



Original Color

50.4755, 0.2903, 0.3650

Protanomaly

50.0665, 0.3179, 0.3579

Deuteranomaly

49.5799, 0.3196, 0.3432

Tritanomaly

50.4478, 0.2779, 0.3289

Monochromacy



Original Color

50.4755, 0.2903, 0.3650

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.5056, 0.3039, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4755, 0.2903, 0.3650 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(146, 200, 174)` looks like.

```
.text, #text, p{  
    color:rgb(146, 200, 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(146, 200, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 200, 174) }
```

Border

The CSS property to change the border of an element to Yxy 50.4755, 0.2903, 0.3650 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(146, 200, 174) }
```

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

```
.border{ border-color:rgb(146, 200, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 200, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 200, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 200, 174);  
box-shadow:4px 4px 4px 4px rgb(146, 200,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4755, 0.2903, 0.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 200, 174) }
```

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

```
.background{ background-color: rgb(146,  
200, 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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