

Converting Colors

$Yxy(55.9576, 0.2870, 0.3662)$

Have a look what the booklet for
Yxy(55.9576, 0.2870, 0.3662)
contains.

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Color

Yxy(55.7665, 0.2872, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	94D2B6
RGB	148, 210, 182
RGB Percent	58%, 82%, 71%
CMY	0.4194, 0.1765, 0.2862
CMYK	0.29, 0.00, 0.13, 0.18
HSL	153°, 41%, 70%
HSV	153°, 29%, 82%
XYZ	43.7122, 55.7665, 52.7225
YIQ	188.2700, -27.9640, -21.8520

Conversions

Conversions Part 2

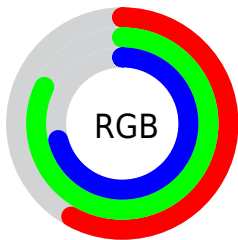
Format	Color
RYB	148, 188, 210
Decimal	9753270
CIELab	79.48, -25.61, 7.57
CIElCh	79, 26.706, 163.532
Yxy	55.7665, 0.2872, 0.3664
Android (android.graphics.Color)	4287943350 (0xFF94D2B6)
YUV	188.2700, -3.0911, -35.3168
Hunter-Lab	74.6770, -26.1997, 10.4147

Details

The Yxy color **55.7665, 0.2872, 0.3664** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.0366, 0.3486, 0.2946**, and the grayscale version is **50.4894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3896, 0.2910, 0.3469**, and **27.4606, 0.2800, 0.3769** is the 20% darker color. If you saturate the color by 10%, you get **53.6048, 0.2798, 0.3816**, and if you desaturate by 10%, it is **58.3146, 0.2954, 0.3525**.

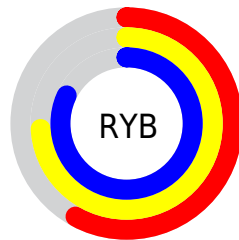
Distribution



Red (58%)

Green (82%)

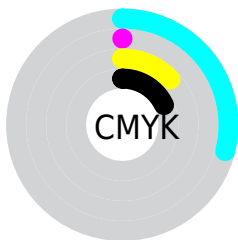
Blue (71%)



Red (58%)

Yellow (74%)

Blue (82%)

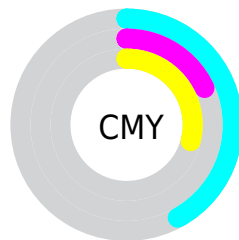


Cyan (29%)

Magenta (0%)

Yellow (13%)

Black (18%)



Cyan (42%)


Magenta (18%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7665, 0.2872, 0.3664 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 55.7665, 0.2872, 0.3664 by changing the saturation by 10% instead.


 55.7665, 0.2872,
0.3664

 55.7665, 0.2872,
0.3664

408.8109, 0.2998,
0.3478

 40.0157, 0.2841,
0.3710


 98.6631, 0.2917,
0.3597

 27.5508, 0.2802,
0.3770


 126.5777, 0.2935,
0.3571

 17.9873, 0.2750,
0.3848


159.3158, 0.2949,
0.3550

 10.9409, 0.2678,
0.3957

197.2616, 0.2962,
0.3531

 6.0271, 0.2573,
0.4120

240.7996, 0.2973,
0.3515

 2.8616, 0.2404,
0.4384

290.3143, 0.2982,

 1.0599, 0.1820,

0.3501

0.5181

346.1899, 0.2990,
0.3489

0.0000, 0.0000,
0.0000

55.7665, 0.2872,
0.3664

55.7665, 0.2872,
0.3664

53.6048, 0.2798,
0.3816

58.3146, 0.2954,
0.3525

51.8029, 0.2735,
0.3979

61.2606, 0.3042,
0.3398

50.3416, 0.2687,
0.4150

64.6238, 0.3132,
0.3285

49.1968, 0.2656,
0.4326

68.4202, 0.3222,
0.3184


48.3414, 0.2645,
0.4504


72.6651, 0.3312,
0.3094

 47.7433, 0.2654,
0.4679

 73.5772, 0.3259,
0.3003

 47.3476, 0.2680,
0.4846

 74.1526, 0.3193,
0.2912

 47.3295, 0.2682,
0.4855

 74.5690, 0.3148,
0.2851

Harmonies

Analogous

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



55.7665, 0.3216, 0.3881



55.7665, 0.2872, 0.3664



55.7665, 0.2606, 0.3334

Triad

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



55.7665, 0.2872, 0.3664



55.7665, 0.2699, 0.2714



55.7665, 0.3823, 0.3504

Complementary

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



55.7665, 0.2872, 0.3664



38.0366, 0.3486, 0.2946

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.



55.7665, 0.3670, 0.3214



55.7665, 0.2872, 0.3664



55.7665, 0.3007, 0.2775

Square

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



55.7665, 0.2872, 0.3664



55.7665, 0.2512, 0.2794



55.7665, 0.3365, 0.2954



55.7665, 0.3775, 0.3760

Rectangle

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



55.7665, 0.2872, 0.3664



55.7665, 0.2504, 0.3112



55.7665, 0.3365, 0.2954



55.7665, 0.3793, 0.3407

Sweetspot

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



55.7688, 0.2872, 0.3664



95.2543, 0.3045, 0.3393



57.5719, 0.3304, 0.4089



20.2350, 0.3032, 0.3411



0.0000, 0.0000, 0.0000



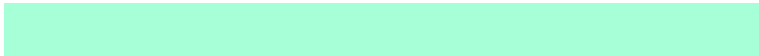
21.4041, 0.3127, 0.3290

Same Dimension

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



55.7688, 0.2872, 0.3664



84.4897, 0.2827, 0.3752



56.0309, 0.2701, 0.3262



13.3132, 0.3042, 0.3397



28.8935, 0.2675, 0.4831



1.6314, 0.2589, 0.4520

Inverse Universe

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



38.0366, 0.3486, 0.2946



52.9014, 0.3585, 0.2874



37.6942, 0.3772, 0.3318



11.8958, 0.3221, 0.3185



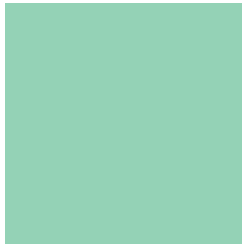
8.8801, 0.5147, 0.2609



0.5124, 0.4702, 0.2364

Previews

White Background



This preview shows how the Yxy color 55.7665, 0.2872, 0.3664 looks on a white background.

Color Contrast Check

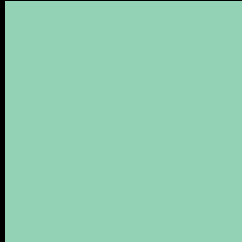
Large Text (above 18pt) WCAG AA × Fail

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 55.7665, 0.2872, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

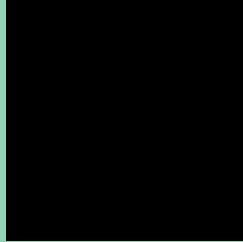
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

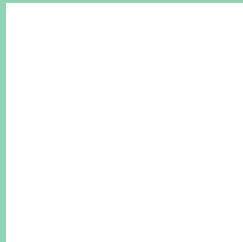
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7665, 0.2872, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 55.7665, 0.2872, 0.3664.



This preview shows how white text looks on a background with the Yxy color 55.7665, 0.2872, 0.3664.

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

55.7665, 0.2872, 0.3664

Protanopia

55.5150, 0.3368, 0.3557

Deuteranopia

55.4322, 0.3401, 0.3337



Tritanopia

55.4741, 0.2680, 0.3075

Trichromacy



Original Color

55.7665, 0.2872, 0.3664

Protanomaly

55.1380, 0.3167, 0.3594

Deuteranomaly

54.7727, 0.3184, 0.3439

Tritanomaly

55.4199, 0.2747, 0.3276

Monochromacy



Original Color

55.7665, 0.2872, 0.3664

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.9093, 0.3019, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7665, 0.2872, 0.3664 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(148, 210, 182)` looks like.

```
.text, #text, p{  
    color:rgb(148, 210, 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(148, 210, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 210, 182) }
```

Border

The CSS property to change the border of an element to Yxy 55.7665, 0.2872, 0.3664 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(148, 210, 182) }
```

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

```
.border{ border-color:rgb(148, 210, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 210, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 210, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 210, 182);  
box-shadow:4px 4px 4px 4px rgb(148, 210,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7665, 0.2872, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 210, 182) }
```

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

```
.background{ background-color: rgb(148,  
210, 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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