

Converting Colors

Yxy(55.7146, 0.3333, 0.3946)

Have a look what the booklet for
Yxy(55.7146, 0.3333, 0.3946)
contains.

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Color

Yxy(55.6760, 0.3337, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	B8CC99
RGB	184, 204, 153
RGB Percent	72%, 80%, 60%
CMY	0.2782, 0.2000, 0.3999
CMYK	0.10, 0.00, 0.25, 0.20
HSL	83°, 33%, 70%
HSV	83°, 25%, 80%
XYZ	47.1192, 55.6760, 38.4070
YIQ	192.2060, 4.4510, -20.1010

Conversions

Conversions Part 2

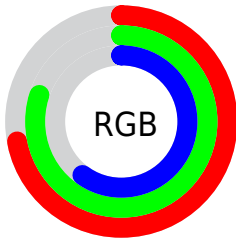
Format	Color
RYB	153, 204, 173
Decimal	12111001
CIELab	79.43, -15.61, 23.22
CIELCh	79, 27.980, 123.912
Yxy	55.6760, 0.3337, 0.3943
Android (android.graphics.Color)	4290301081 (0xFFB8CC99)
YUV	192.2060, -19.3286, -7.1967
Hunter-Lab	74.6164, -17.8584, 21.7133

Details

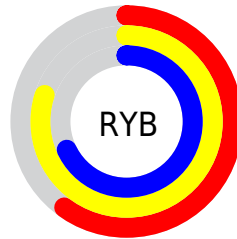
The Yxy color **55.6760, 0.3337, 0.3943** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.0274, 0.2873, 0.2619**, and the grayscale version is **52.9582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5993, 0.3307, 0.3765**, and **27.5178, 0.3374, 0.4124** is the 20% darker color. If you saturate the color by 10%, you get **54.1025, 0.3415, 0.4226**, and if you desaturate by 10%, it is **57.4253, 0.3254, 0.3670**.

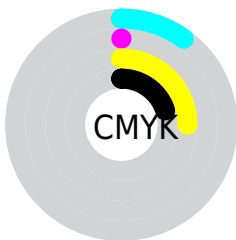
Distribution



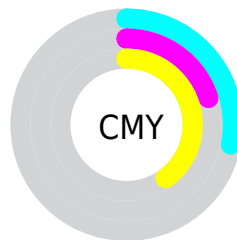
- Red (72%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (68%)



- Cyan (10%)
- Magenta (0%)
- Yellow (25%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.6760, 0.3337, 0.3943 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 55.6760, 0.3337, 0.3943 by changing the saturation by 10% instead.

■ 55.6760, 0.3337,
0.3943

■ 55.6760, 0.3337,
0.3943

408.4693, 0.3241,
0.3618

■ 39.9432, 0.3358,
0.4023

■ 98.5307, 0.3304,
0.3825

■ 27.4943, 0.3384,
0.4126

■ 126.4214, 0.3291,
0.3781

■ 17.9448, 0.3414,
0.4262

159.1335, 0.3280,
0.3743

■ 10.9103, 0.3452,
0.4448

197.0515, 0.3270,
0.3711

■ 6.0066, 0.3494,
0.4717

240.5596, 0.3262,
0.3683

■ 2.8491, 0.3545,
0.5155

290.0424, 0.3254,

■ 1.0535, 0.3671,

0.3658

0.6329

345.8842, 0.3247,
0.3637

0.0000, 0.0000,
0.0000

55.6760, 0.3337,
0.3943

55.6760, 0.3337,
0.3943

54.1025, 0.3415,
0.4226

57.4253, 0.3254,
0.3670

52.6906, 0.3484,
0.4511

59.3493, 0.3169,
0.3412

51.4355, 0.3539,
0.4786

61.4565, 0.3086,
0.3173

50.3292, 0.3575,
0.5038

63.7525, 0.3005,
0.2954

49.3628, 0.3588,
0.5253

66.2418, 0.2928,
0.2757

■ 48.5262, 0.3577,
0.5423

■ 67.5469, 0.2985,
0.2765

■ 47.8071, 0.3543,
0.5540

■ 68.9127, 0.3042,
0.2774

■ 47.4800, 0.3521,
0.5586

■ 70.3399, 0.3099,
0.2783

■ 71.6618, 0.3151,
0.2791

Harmonies

Analogous

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



55.6760, 0.3660, 0.3905



55.6760, 0.3337, 0.3943



55.6760, 0.2970, 0.3775

Triad

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



55.6760, 0.3337, 0.3943



55.6760, 0.2454, 0.2828



55.6760, 0.3607, 0.3116

Complementary

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



55.6760, 0.3337, 0.3943



36.0274, 0.2873, 0.2619

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.



55.6760, 0.3256, 0.2867



55.6760, 0.3337, 0.3943



55.6760, 0.2600, 0.2698

Square

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



55.6760, 0.3337, 0.3943



55.6760, 0.2474, 0.3098



55.6760, 0.2888, 0.2717



55.6760, 0.3827, 0.3415

Rectangle

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



55.6760, 0.3337, 0.3943



55.6760, 0.2750, 0.3570



55.6760, 0.2888, 0.2717



55.6760, 0.3499, 0.3025

Sweetspot

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



55.6784, 0.3337, 0.3943



97.6026, 0.3187, 0.3464



44.8545, 0.3590, 0.3538



20.8482, 0.3192, 0.3480



0.0000, 0.0000, 0.0000



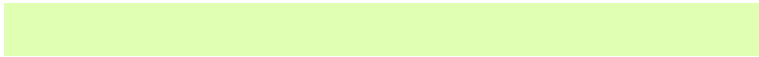
21.4041, 0.3127, 0.3290

Same Dimension

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



55.6784, 0.3337, 0.3943



90.7730, 0.3380, 0.4095



52.8496, 0.3139, 0.3985



12.8691, 0.3206, 0.3523



29.9424, 0.3530, 0.5579



1.5878, 0.3659, 0.5476

Inverse Universe

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



36.0274, 0.2873, 0.2619



52.7327, 0.2806, 0.2458



39.1594, 0.3101, 0.2663



11.0545, 0.3042, 0.3055



3.8628, 0.1838, 0.0786



0.2428, 0.2064, 0.0911

Previews

White Background



This preview shows how the Yxy color 55.6760, 0.3337, 0.3943 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 55.6760, 0.3337, 0.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

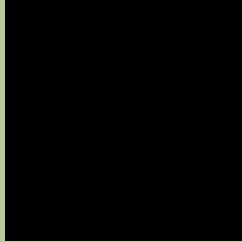
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

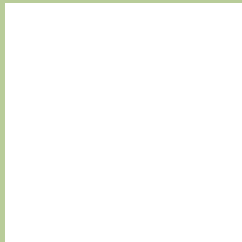
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6760, 0.3337, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 55.6760, 0.3337, 0.3943.



This preview shows how white text looks on a background with the Yxy color 55.6760, 0.3337, 0.3943.

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

55.6760, 0.3337, 0.3943

Protanopia

55.3514, 0.3606, 0.3858

Deuteranopia

55.4535, 0.3739, 0.3669



Tritanopia

55.4398, 0.2981, 0.3098

Trichromacy



Original Color

55.6760, 0.3337, 0.3943

Protanomaly

55.4664, 0.3512, 0.3895

Deuteranomaly

55.0963, 0.3591, 0.3758

Tritanomaly

55.4273, 0.3107, 0.3389

Monochromacy



Original Color

55.6760, 0.3337, 0.3943

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.5130, 0.3205, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6760, 0.3337, 0.3943 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(184, 204, 153)` looks like.

```
.text, #text, p{  
    color:rgb(184, 204, 153)  
}
```

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(184, 204, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 204, 153) }
```

Border

The CSS property to change the border of an element to Yxy 55.6760, 0.3337, 0.3943 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(184, 204, 153) }
```

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

```
.border{ border-color:rgb(184, 204, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 204, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 204, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 204, 153);  
box-shadow:4px 4px 4px 4px rgb(184, 204,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6760, 0.3337, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 204, 153) }
```

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

```
.background{ background-color: rgb(184,  
204, 153) }
```

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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