

Converting Colors

Yxy(54.1981, 0.3194, 0.3627)

Have a look what the booklet for
Yxy(54.1981, 0.3194, 0.3627)
contains.

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Color

Yxy(54.0543, 0.3198, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	B8C7AD
RGB	184, 199, 173
RGB Percent	72%, 78%, 68%
CMY	0.2786, 0.2195, 0.3215
CMYK	0.08, 0.00, 0.13, 0.22
HSL	95°, 19%, 73%
HSV	95°, 13%, 78%
XYZ	47.7266, 54.0543, 47.4579
YIQ	191.5510, -0.5940, -11.2660

Conversions

Conversions Part 2

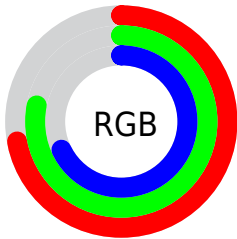
Format	Color
RYB	173, 199, 188
Decimal	12109741
CIELab	78.49, -9.88, 11.28
CIELCh	78, 14.998, 131.227
Yxy	54.0543, 0.3198, 0.3622
Android (android.graphics.Color)	4290299821 (0xFFB8C7AD)
YUV	191.5510, -9.1456, -6.6222
Hunter-Lab	73.5216, -12.7896, 13.1937

Details

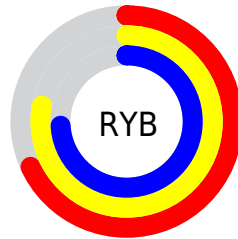
The Yxy color **54.0543, 0.3198, 0.3622** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.7155, 0.3048, 0.2962**, and the grayscale version is **52.4893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6467, 0.3190, 0.3560**, and **26.4566, 0.3213, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **51.9774, 0.3250, 0.3902**, and if you desaturate by 10%, it is **56.3666, 0.3144, 0.3364**.

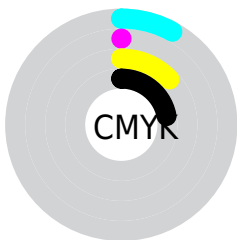
Distribution



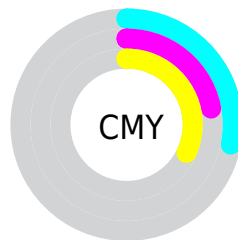
- Red (72%)
- Green (78%)
- Blue (68%)



- Red (68%)
- Yellow (78%)
- Blue (74%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)




- Cyan (28%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0543, 0.3198, 0.3622 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 54.0543, 0.3198, 0.3622 by changing the saturation by 10% instead.

 54.0543, 0.3198,
0.3622

 54.0543, 0.3198,
0.3622


402.3170, 0.3165,
0.3457

 38.6451, 0.3206,
0.3663


 96.1540, 0.3187,
0.3562

 26.4837, 0.3215,
0.3715


123.6132, 0.3182,
0.3540

 17.1859, 0.3227,
0.3784


155.8579, 0.3178,
0.3521

 10.3671, 0.3242,
0.3880

193.2724, 0.3175,
0.3505

 5.6430, 0.3261,
0.4021

236.2412, 0.3172,
0.3490

 2.6293, 0.3287,
0.4251

285.1487, 0.3169,

 0.9414, 0.3567,

0.3478

0.5147

340.3791, 0.3167,
0.3467

0.0000, 0.0000,
0.0000

54.0543, 0.3198,
0.3622

54.0543, 0.3198,
0.3622

51.9774, 0.3250,
0.3902

56.3666, 0.3144,
0.3364

50.1210, 0.3298,
0.4200

58.9146, 0.3090,
0.3130

48.4793, 0.3337,
0.4508

61.7077, 0.3037,
0.2921

47.0432, 0.3365,
0.4814

64.7527, 0.2987,
0.2734

45.8033, 0.3377,
0.5104

66.8758, 0.3054,
0.2725

■ 44.7491, 0.3370,
0.5361

■ 68.9748, 0.3139,
0.2740

■ 43.8688, 0.3343,
0.5569

■ 69.3339, 0.3153,
0.2742

■ 43.1487, 0.3299,
0.5717

■ 42.7287, 0.3262,
0.5792

Harmonies

Analogous

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



54.0543, 0.3383, 0.3637



54.0543, 0.3198, 0.3622



54.0543, 0.2999, 0.3510

Triad

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



54.0543, 0.3198, 0.3622



54.0543, 0.2765, 0.3016



54.0543, 0.3423, 0.3238

Complementary

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



54.0543, 0.3198, 0.3622



44.7155, 0.3048, 0.2962

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.



54.0543, 0.3249, 0.3085



54.0543, 0.3198, 0.3622



54.0543, 0.2871, 0.2957

Square

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



54.0543, 0.3198, 0.3622



54.0543, 0.2753, 0.3152



54.0543, 0.3047, 0.2983



54.0543, 0.3516, 0.3408

Rectangle

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



54.0543, 0.3198, 0.3622



54.0543, 0.2884, 0.3396



54.0543, 0.3047, 0.2983



54.0543, 0.3372, 0.3183

Sweetspot

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



54.0566, 0.3198, 0.3622



98.2574, 0.3149, 0.3389



51.0200, 0.3339, 0.3474



20.9626, 0.3153, 0.3408



0.0000, 0.0000, 0.0000



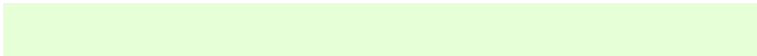
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0566, 0.3198, 0.3622



93.4369, 0.3215, 0.3708



52.8244, 0.3099, 0.3607



12.1024, 0.3178, 0.3524



27.5200, 0.3272, 0.5784



1.3455, 0.3441, 0.5650

Inverse Universe

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



44.7155, 0.3048, 0.2962



73.5610, 0.3026, 0.2878



46.0796, 0.3156, 0.2992



10.5856, 0.3072, 0.3058



5.0574, 0.2194, 0.0982



0.2814, 0.2403, 0.1097

Previews

White Background



This preview shows how the Yxy color 54.0543, 0.3198, 0.3622 looks on a white background.

Color Contrast Check

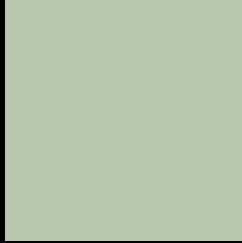
Large Text (above 18pt) WCAG AA × Fail

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 54.0543, 0.3198, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

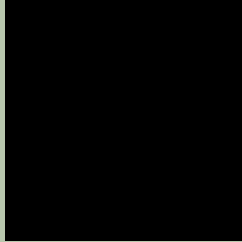
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

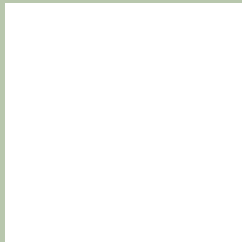
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0543, 0.3198, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 54.0543, 0.3198, 0.3622.



This preview shows how white text looks on a background with the Yxy color 54.0543, 0.3198, 0.3622.

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

54.0543, 0.3198, 0.3622

Protanopia

53.7387, 0.3388, 0.3573

Deuteranopia

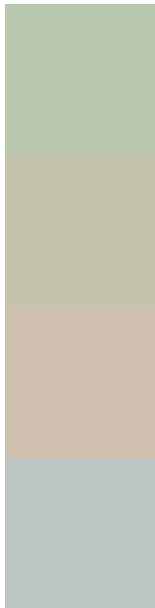
53.6959, 0.3498, 0.3432



Tritanopia

54.1342, 0.2987, 0.3108

Trichromacy



Original Color

54.0543, 0.3198, 0.3622

Protanomaly

53.7063, 0.3317, 0.3590

Deuteranomaly

53.4394, 0.3385, 0.3497

Tritanomaly

54.1567, 0.3064, 0.3290

Monochromacy



Original Color

54.0543, 0.3198, 0.3622

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.3518, 0.3153, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0543, 0.3198, 0.3622 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, 199, 173)` looks like.

```
.text, #text, p{  
    color:rgb(184, 199, 173)  
}
```

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, 199, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 199, 173) }
```

Border

The CSS property to change the border of an element to Yxy 54.0543, 0.3198, 0.3622 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, 199, 173) }
```

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

```
.border{ border-color:rgb(184, 199, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 199, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 199, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 199, 173);  
box-shadow:4px 4px 4px 4px rgb(184, 199,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0543, 0.3198, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 199, 173) }
```

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

```
.background{ background-color: rgb(184,  
199, 173) }
```

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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