

Converting Colors

$Yxy(54.1217, 0.3147, 0.3543)$

Have a look what the booklet for
Yxy(54.1217, 0.3147, 0.3543)
contains.

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Color

Yxy(54.1688, 0.3147, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	B7C7B3
RGB	183, 199, 179
RGB Percent	72%, 78%, 70%
CMY	0.2821, 0.2197, 0.2980
CMYK	0.08, 0.00, 0.10, 0.22
HSL	108°, 15%, 74%
HSV	108°, 10%, 78%
XYZ	48.1008, 54.1688, 50.5769
YIQ	191.9360, -3.1160, -9.6120

Conversions

Conversions Part 2

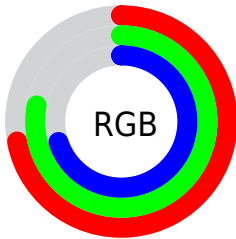
Format	Color
RYB	179, 199, 195
Decimal	12044211
CIELab	78.56, -9.14, 8.14
CIELCh	79, 12.238, 138.288
Yxy	54.1688, 0.3147, 0.3544
Android (android.graphics.Color)	4290234291 (0xFFB7C7B3)
YUV	191.9360, -6.3774, -7.8369
Hunter-Lab	73.5995, -12.1407, 10.7760

Details

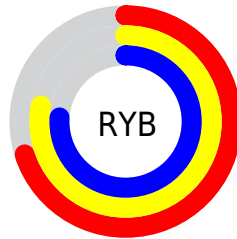
The Yxy color **54.1688, 0.3147, 0.3544** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9646, 0.3104, 0.3044**, and the grayscale version is **52.7195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8689, 0.3143, 0.3489**, and **26.5030, 0.3154, 0.3619** is the 20% darker color. If you saturate the color by 10%, you get **51.5848, 0.3165, 0.3826**, and if you desaturate by 10%, it is **57.0930, 0.3127, 0.3291**.

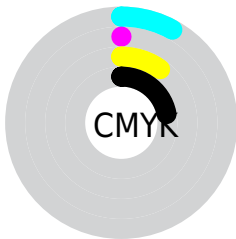
Distribution



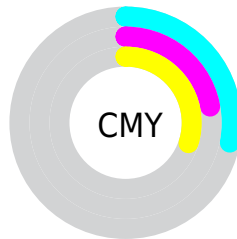
- Red (72%)
- Green (78%)
- Blue (70%)



- Red (70%)
- Yellow (78%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)




- Cyan (28%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1688, 0.3147, 0.3544 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 54.1688, 0.3147, 0.3544 by changing the saturation by 10% instead.

 54.1688, 0.3147,
0.3544

 54.1688, 0.3147,
0.3544


402.7534, 0.3138,
0.3418

 38.7366, 0.3149,
0.3575


 96.3220, 0.3144,
0.3499

 26.5549, 0.3151,
0.3615


123.8119, 0.3143,
0.3481

 17.2392, 0.3153,
0.3667


156.0898, 0.3142,
0.3467

 10.4052, 0.3156,
0.3740

193.5401, 0.3141,
0.3454

 5.6684, 0.3159,
0.3847

236.5472, 0.3140,
0.3444

 2.6445, 0.3161,
0.4021

285.4955, 0.3140,

 0.9491, 0.3244,

0.3434

0.4543

340.7695, 0.3139,
0.3426

0.0000, 0.0000,
0.0000

54.1688, 0.3147,
0.3544

54.1688, 0.3147,
0.3544

51.5848, 0.3165,
0.3826

57.0930, 0.3127,
0.3291

49.3220, 0.3179,
0.4135

60.3620, 0.3107,
0.3067

47.3695, 0.3188,
0.4464

63.9892, 0.3086,
0.2870

45.7137, 0.3190,
0.4800

67.7502, 0.3091,
0.2731

44.3395, 0.3183,
0.5128

69.3207, 0.3153,
0.2742

■ 43.2307, 0.3166,
0.5424

■ 42.3694, 0.3139,
0.5667

■ 41.7349, 0.3104,
0.5840

■ 41.2981, 0.3068,
0.5946

Harmonies

Analogous

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



54.1688, 0.3304, 0.3576



54.1688, 0.3147, 0.3544



54.1688, 0.2988, 0.3438

Triad

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



54.1688, 0.3147, 0.3544



54.1688, 0.2845, 0.3049



54.1688, 0.3393, 0.3281

Complementary

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



54.1688, 0.3147, 0.3544



47.9646, 0.3104, 0.3044

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.



54.1688, 0.3264, 0.3148



54.1688, 0.3147, 0.3544



54.1688, 0.2948, 0.3015

Square

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



54.1688, 0.3147, 0.3544



54.1688, 0.2816, 0.3148



54.1688, 0.3101, 0.3052



54.1688, 0.3449, 0.3419

Rectangle

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



54.1688, 0.3147, 0.3544



54.1688, 0.2901, 0.3341



54.1688, 0.3101, 0.3052



54.1688, 0.3357, 0.3235

Sweetspot

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



54.1711, 0.3147, 0.3544



98.3783, 0.3133, 0.3364



54.2738, 0.3281, 0.3483



20.9663, 0.3135, 0.3384



0.0000, 0.0000, 0.0000



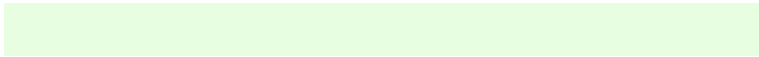
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1711, 0.3147, 0.3544



93.8458, 0.3151, 0.3602



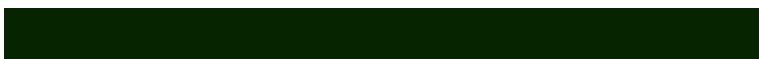
53.9157, 0.3075, 0.3473



11.9896, 0.3146, 0.3527



26.5898, 0.3075, 0.5941



1.2903, 0.3217, 0.5828

Inverse Universe

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



47.9646, 0.3104, 0.3044



80.8498, 0.3099, 0.2989



48.2526, 0.3184, 0.3114



10.7040, 0.3106, 0.3060



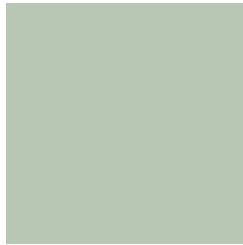
7.4084, 0.2706, 0.1264



0.3791, 0.2816, 0.1325

Previews

White Background



This preview shows how the Yxy color 54.1688, 0.3147, 0.3544 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 54.1688, 0.3147, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

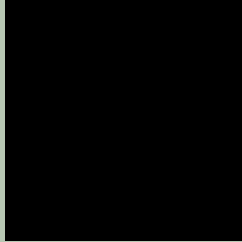
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

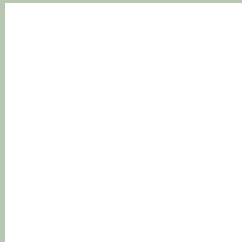
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1688, 0.3147, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 54.1688, 0.3147, 0.3544.



This preview shows how white text looks on a background with the Yxy color 54.1688, 0.3147, 0.3544.

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

54.1688, 0.3147, 0.3544

Protanopia

53.8311, 0.3332, 0.3499

Deuteranopia

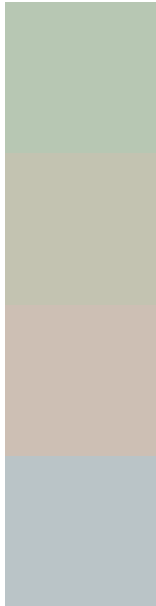
53.7823, 0.3439, 0.3361



Tritanopia

53.9281, 0.2965, 0.3095

Trichromacy



Original Color

54.1688, 0.3147, 0.3544

Protanomaly

53.8066, 0.3263, 0.3514

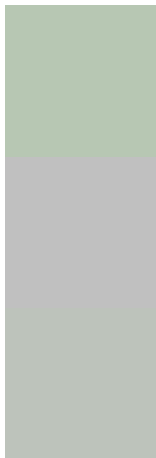
Deuteranomaly

53.5360, 0.3329, 0.3424

Tritanomaly

54.0425, 0.3027, 0.3253

Monochromacy



Original Color

54.1688, 0.3147, 0.3544

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.4369, 0.3138, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1688, 0.3147, 0.3544 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(183, 199, 179)` looks like.

```
.text, #text, p{  
    color:rgb(183, 199, 179)  
}
```

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(183, 199, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 199, 179) }
```

Border

The CSS property to change the border of an element to Yxy 54.1688, 0.3147, 0.3544 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(183, 199, 179) }
```

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

```
.border{ border-color:rgb(183, 199, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 199, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 199, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 199, 179); box-shadow:4px 4px 4px 4px rgb(183, 199, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1688, 0.3147, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 199, 179) }
```

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

```
.background{ background-color: rgb(183,  
199, 179) }
```

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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