

Converting Colors

$Y_{xy}(50.3290, 0.3134, 0.3483)$

Have a look what the booklet for
Yxy(50.3290, 0.3134, 0.3483)
contains.

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Color

Yxy(50.4573, 0.3134, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	B3C0B1
RGB	179, 192, 177
RGB Percent	70%, 75%, 69%
CMY	0.2981, 0.2470, 0.3058
CMYK	0.07, 0.00, 0.08, 0.25
HSL	112°, 11%, 72%
HSV	112°, 8%, 75%
XYZ	45.3754, 50.4573, 48.9515
YIQ	186.4030, -2.9330, -7.4210

Conversions

Conversions Part 2

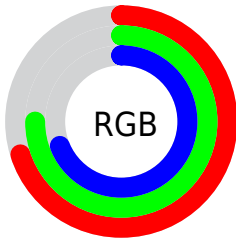
Format	Color
RYB	177, 192, 190
Decimal	11780273
CIELab	76.35, -7.28, 6.01
CIELCh	76, 9.438, 140.458
Yxy	50.4573, 0.3134, 0.3485
Android (android.graphics.Color)	4289970353 (0xFFB3C0B1)
YUV	186.4030, -4.6357, -6.4924
Hunter-Lab	71.0333, -10.2842, 8.8645

Details

The Yxy color **50.4573, 0.3134, 0.3485** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.2091, 0.3119, 0.3101**, and the grayscale version is **49.3692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6802, 0.3133, 0.3442**, and **24.3561, 0.3136, 0.3557** is the 20% darker color. If you saturate the color by 10%, you get **47.8787, 0.3141, 0.3763**, and if you desaturate by 10%, it is **53.3882, 0.3125, 0.3239**.

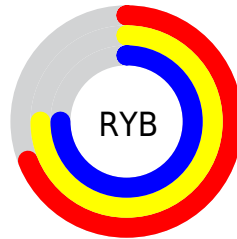
Distribution



Red (70%)

Green (75%)

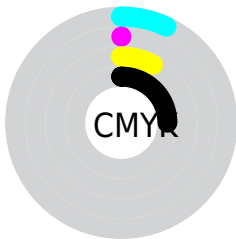
Blue (69%)



Red (69%)

Yellow (75%)

Blue (75%)

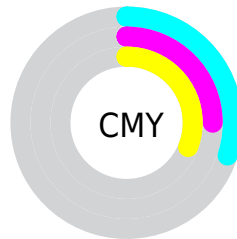


Cyan (7%)

Magenta (0%)

Yellow (8%)

Black (25%)



Cyan (30%)


Magenta (25%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4573, 0.3134, 0.3485 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 50.4573, 0.3134, 0.3485 by changing the saturation by 10% instead.


 50.4573, 0.3134,
0.3485

 50.4573, 0.3134,
0.3485

388.4516, 0.3131,
0.3388

 35.7769, 0.3135,
0.3509


 90.8521, 0.3133,
0.3450

 24.2619, 0.3135,
0.3541


117.3352, 0.3133,
0.3436

 15.5280, 0.3136,
0.3582


148.5214, 0.3132,
0.3425

 9.1908, 0.3136,
0.3640

184.7950, 0.3132,
0.3415

 4.8658, 0.3136,
0.3727

226.5404, 0.3132,
0.3407

 2.1688, 0.3133,
0.3872

274.1421, 0.3132,

 0.7029, 0.3187,

0.3400

0.4569

327.9843, 0.3131,
0.3393

0.0000, 0.0000,
0.0000

50.4573, 0.3134,
0.3485

50.4573, 0.3134,
0.3485

47.8787, 0.3141,
0.3763

53.3882, 0.3125,
0.3239

45.6330, 0.3146,
0.4069

56.6772, 0.3115,
0.3022

43.7084, 0.3146,
0.4400

60.3382, 0.3105,
0.2834

42.0902, 0.3142,
0.4743

64.3824, 0.3094,
0.2670

40.7624, 0.3132,
0.5082

66.1818, 0.3156,
0.2673

■ 39.7075, 0.3115,
0.5393

■ 38.9064, 0.3092,
0.5653

■ 38.3369, 0.3066,
0.5842

■ 37.9712, 0.3038,
0.5954

Harmonies

Analogous

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



50.4573, 0.3259, 0.3516



50.4573, 0.3134, 0.3485



50.4573, 0.3009, 0.3399

Triad

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



50.4573, 0.3134, 0.3485



50.4573, 0.2908, 0.3096



50.4573, 0.3342, 0.3292

Complementary

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



50.4573, 0.3134, 0.3485



46.2091, 0.3119, 0.3101

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.



50.4573, 0.3244, 0.3185



50.4573, 0.3134, 0.3485



50.4573, 0.2993, 0.3072

Square

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



50.4573, 0.3134, 0.3485



50.4573, 0.2880, 0.3171



50.4573, 0.3116, 0.3105



50.4573, 0.3381, 0.3401

Rectangle

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



50.4573, 0.3134, 0.3485



50.4573, 0.2942, 0.3322



50.4573, 0.3116, 0.3105



50.4573, 0.3315, 0.3255

Sweetspot

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



50.4595, 0.3134, 0.3485



94.4090, 0.3129, 0.3339



51.2125, 0.3244, 0.3454



20.2657, 0.3129, 0.3336



97.7402, 0.3127, 0.3290



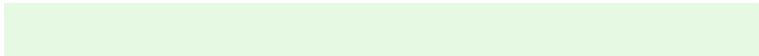
20.4902, 0.3127, 0.3290

Same Dimension

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



50.4595, 0.3134, 0.3485



90.7618, 0.3135, 0.3520



50.4498, 0.3077, 0.3413



11.3209, 0.3135, 0.3527



25.5285, 0.3039, 0.5969



1.1242, 0.3152, 0.5880

Inverse Universe

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



46.2091, 0.3119, 0.3101



81.8214, 0.3117, 0.3067



46.2257, 0.3181, 0.3170



10.1782, 0.3117, 0.3062



8.0940, 0.2883, 0.1362



0.3688, 0.2960, 0.1404

Previews

White Background



This preview shows how the Yxy color 50.4573, 0.3134, 0.3485 looks on a white background.

Color Contrast Check

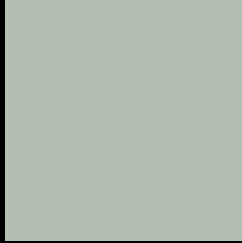
Large Text (above 18pt) WCAG AA × Fail

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 50.4573, 0.3134, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

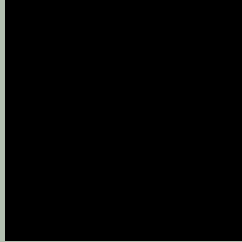
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

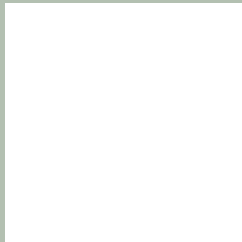
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.4573, 0.3134, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 50.4573, 0.3134, 0.3485.



This preview shows how white text looks on a background with the Yxy color 50.4573, 0.3134, 0.3485.

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

50.4573, 0.3134, 0.3485

Protanopia

50.2379, 0.3289, 0.3442

Deuteranopia

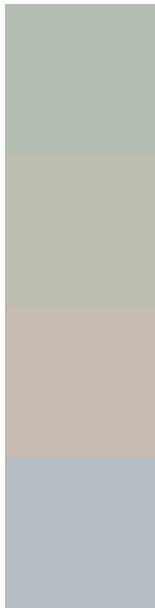
50.4122, 0.3395, 0.3327



Tritanopia

50.3455, 0.2975, 0.3102

Trichromacy



Original Color

50.4573, 0.3134, 0.3485

Protanomaly

50.3486, 0.3228, 0.3456

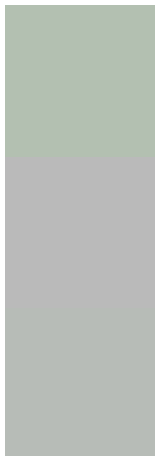
Deuteranomaly

50.4743, 0.3301, 0.3390

Tritanomaly

50.2353, 0.3033, 0.3226

Monochromacy



Original Color

50.4573, 0.3134, 0.3485

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.4526, 0.3124, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4573, 0.3134, 0.3485 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(179, 192, 177)` looks like.

```
.text, #text, p{  
    color:rgb(179, 192, 177)  
}
```

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(179, 192, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 192, 177) }
```

Border

The CSS property to change the border of an element to Yxy 50.4573, 0.3134, 0.3485 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(179, 192, 177) }
```

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

```
.border{ border-color:rgb(179, 192, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 192, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 192, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 192, 177);  
box-shadow:4px 4px 4px 4px rgb(179, 192,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4573, 0.3134, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 192, 177) }
```

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

```
.background{ background-color: rgb(179,  
192, 177) }
```

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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