

Converting Colors

$Yxy(56.0169, 0.3133, 0.3471)$

Have a look what the booklet for
Yxy(56.0169, 0.3133, 0.3471)
contains.

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Color

Yxy(56.0098, 0.3134, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	BCC9BA
RGB	188, 201, 186
RGB Percent	74%, 79%, 73%
CMY	0.2628, 0.2117, 0.2707
CMYK	0.06, 0.00, 0.07, 0.21
HSL	112°, 12%, 76%
HSV	112°, 7%, 79%
XYZ	50.4845, 56.0098, 54.5922
YIQ	195.4030, -2.9330, -7.4210

Conversions

Conversions Part 2

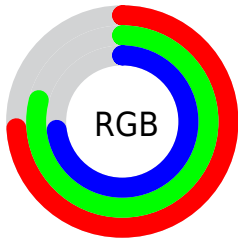
Format	Color
RYB	186, 201, 199
Decimal	12372410
CIELab	79.62, -7.23, 5.97
CIELCh	80, 9.376, 140.414
Yxy	56.0098, 0.3134, 0.3477
Android (android.graphics.Color)	4290562490 (0xFFBCC9BA)
YUV	195.4030, -4.6357, -6.4924
Hunter-Lab	74.8397, -10.5589, 9.1384

Details

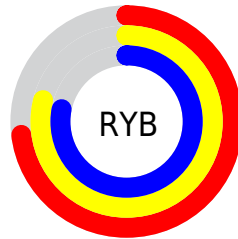
The Yxy color **56.0098, 0.3134, 0.3477** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4688, 0.3119, 0.3108**, and the grayscale version is **54.8551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1639, 0.3134, 0.3417**, and **27.7118, 0.3137, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **53.1370, 0.3142, 0.3754**, and if you desaturate by 10%, it is **59.2745, 0.3125, 0.3231**.

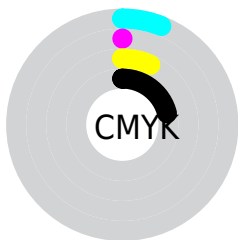
Distribution



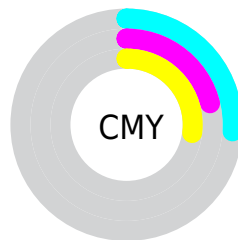
- Red (74%)
- Green (79%)
- Blue (73%)



- Red (73%)
- Yellow (79%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)



- Cyan (26%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0098, 0.3134, 0.3477 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 56.0098, 0.3134, 0.3477 by changing the saturation by 10% instead.

■ 56.0098, 0.3134,
0.3477

■ 56.0098, 0.3134,
0.3477

409.7284, 0.3131,
0.3385

■ 40.2108, 0.3135,
0.3499

■ 99.0189, 0.3133,
0.3444

■ 27.7029, 0.3135,
0.3528

126.9978, 0.3133,
0.3432

■ 18.1018, 0.3136,
0.3565

159.8054, 0.3132,
0.3421

■ 11.0231, 0.3136,
0.3617

197.8262, 0.3132,
0.3412

■ 6.0824, 0.3136,
0.3692

241.4444, 0.3132,
0.3404

■ 2.8952, 0.3135,
0.3812

291.0447, 0.3132,

■ 1.0773, 0.3148,

0.3397

0.4058

347.0112, 0.3131,
0.3391

0.0000, 0.0000,
0.0000

56.0098, 0.3134,
0.3477

56.0098, 0.3134,
0.3477

53.1370, 0.3142,
0.3754

59.2745, 0.3125,
0.3231

50.6345, 0.3146,
0.4061

62.9376, 0.3114,
0.3015

48.4892, 0.3148,
0.4392

67.0144, 0.3104,
0.2827

46.6848, 0.3144,
0.4736

70.2579, 0.3152,
0.2762

45.2036, 0.3133,
0.5076

■ 44.0262, 0.3117,
0.5388

■ 43.1311, 0.3094,
0.5650

■ 42.4940, 0.3067,
0.5840

■ 42.0845, 0.3039,
0.5952

Harmonies

Analogous

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



56.0098, 0.3254, 0.3506



56.0098, 0.3134, 0.3477



56.0098, 0.3014, 0.3394

Triad

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



56.0098, 0.3134, 0.3477



56.0098, 0.2916, 0.3103



56.0098, 0.3333, 0.3292

Complementary

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



56.0098, 0.3134, 0.3477



51.4688, 0.3119, 0.3108

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.



56.0098, 0.3239, 0.3189



56.0098, 0.3134, 0.3477



56.0098, 0.2999, 0.3081

Square

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



56.0098, 0.3134, 0.3477



56.0098, 0.2890, 0.3177



56.0098, 0.3117, 0.3112



56.0098, 0.3371, 0.3396

Rectangle

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



56.0098, 0.3134, 0.3477



56.0098, 0.2950, 0.3321



56.0098, 0.3117, 0.3112



56.0098, 0.3307, 0.3256

Sweetspot

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



56.0122, 0.3134, 0.3477



98.8475, 0.3129, 0.3339



56.6975, 0.3239, 0.3445



21.1695, 0.3129, 0.3337



0.0000, 0.0000, 0.0000



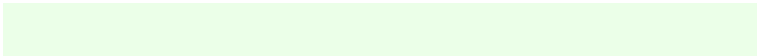
21.4041, 0.3127, 0.3290

Same Dimension

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



56.0122, 0.3134, 0.3477



95.0314, 0.3135, 0.3521



55.9866, 0.3081, 0.3411



11.9547, 0.3136, 0.3527



26.4340, 0.3039, 0.5969



1.2745, 0.3147, 0.5884

Inverse Universe

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



51.4688, 0.3119, 0.3108



85.6440, 0.3117, 0.3067



51.5021, 0.3177, 0.3172



10.7419, 0.3117, 0.3061



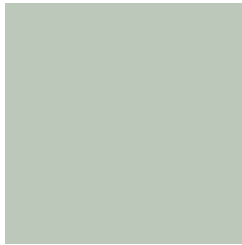
8.3474, 0.2877, 0.1358



0.4157, 0.2950, 0.1399

Previews

White Background



This preview shows how the Yxy color 56.0098, 0.3134, 0.3477 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 56.0098, 0.3134, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

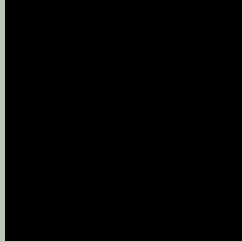
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

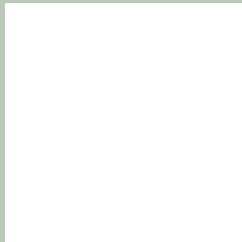
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0098, 0.3134, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 56.0098, 0.3134, 0.3477.



This preview shows how white text looks on a background with the Yxy color 56.0098, 0.3134, 0.3477.

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

56.0098, 0.3134, 0.3477

Protanopia

55.7361, 0.3290, 0.3447

Deuteranopia

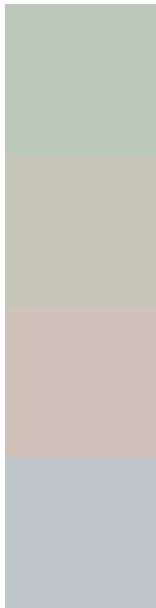
55.5178, 0.3385, 0.3314



Tritanopia

55.9431, 0.2975, 0.3098

Trichromacy



Original Color

56.0098, 0.3134, 0.3477

Protanomaly

55.8546, 0.3231, 0.3461

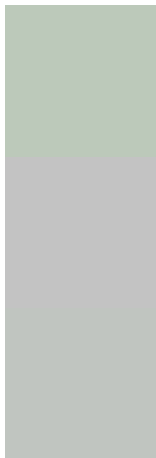
Deuteranomaly

55.5813, 0.3295, 0.3374

Tritanomaly

55.7763, 0.3037, 0.3229

Monochromacy



Original Color

56.0098, 0.3134, 0.3477

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.9447, 0.3124, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0098, 0.3134, 0.3477 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(188, 201, 186)` looks like.

```
.text, #text, p{  
    color:rgb(188, 201, 186)  
}
```

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(188, 201, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 201, 186) }
```

Border

The CSS property to change the border of an element to Yxy 56.0098, 0.3134, 0.3477 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(188, 201, 186) }
```

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

```
.border{ border-color:rgb(188, 201, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 201, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 201, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 201, 186);  
box-shadow:4px 4px 4px 4px rgb(188, 201,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0098, 0.3134, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 201, 186) }
```

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

```
.background{ background-color: rgb(188,  
201, 186) }
```

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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