

Converting Colors

Yxy(56.3856, 0.3148, 0.3508)

Have a look what the booklet for
Yxy(56.3856, 0.3148, 0.3508)
contains.

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Color

Yxy(56.3931, 0.3148, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	BCCAB8
RGB	188, 202, 184
RGB Percent	74%, 79%, 72%
CMY	0.2626, 0.2079, 0.2784
CMYK	0.07, 0.00, 0.09, 0.21
HSL	107°, 15%, 76%
HSV	107°, 9%, 79%
XYZ	50.5195, 56.3931, 53.5686
YIQ	195.7620, -2.5660, -8.5660

Conversions

Conversions Part 2

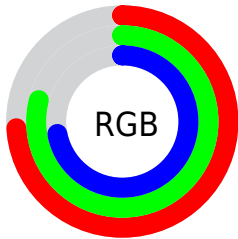
Format	Color
RYB	184, 202, 198
Decimal	12372664
CIELab	79.84, -8.07, 7.35
CIELCh	80, 10.915, 137.678
Yxy	56.3931, 0.3148, 0.3514
Android (android.graphics.Color)	4290562744 (0xFFBCCAB8)
YUV	195.7620, -5.7987, -6.8073
Hunter-Lab	75.0953, -11.3331, 10.2727

Details

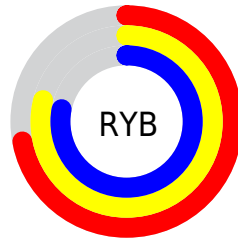
The Yxy color **56.3931, 0.3148, 0.3514** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5430, 0.3104, 0.3072**, and the grayscale version is **55.0937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0444, 0.3145, 0.3437**, and **27.9694, 0.3155, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **53.7256, 0.3170, 0.3793**, and if you desaturate by 10%, it is **59.4021, 0.3125, 0.3264**.

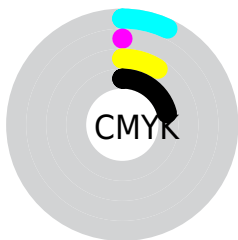
Distribution



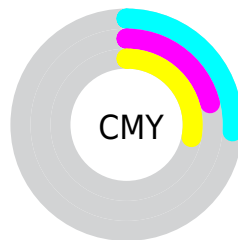
- Red (74%)
- Green (79%)
- Blue (72%)



- Red (72%)
- Yellow (79%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)





- Cyan (26%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3931, 0.3148, 0.3514 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 56.3931, 0.3148, 0.3514 by changing the saturation by 10% instead.


 56.3931, 0.3148,
0.3514

 56.3931, 0.3148,
0.3514


411.1713, 0.3139,
0.3404

 40.5182, 0.3150,
0.3541


 99.5791, 0.3145,
0.3474

 27.9428, 0.3152,
0.3575


127.6590, 0.3144,
0.3460

 18.2825, 0.3155,
0.3620


160.5759, 0.3142,
0.3447

 11.1530, 0.3159,
0.3682

198.7144, 0.3142,
0.3436

 6.1699, 0.3164,
0.3772

242.4588, 0.3141,
0.3426

 2.9486, 0.3168,
0.3916

292.1935, 0.3140,

 1.1050, 0.3205,

0.3418

0.4226

348.3028, 0.3139,
0.3411

0.0000, 0.0000,
0.0000

56.3931, 0.3148,
0.3514

56.3931, 0.3148,
0.3514

53.7256, 0.3170,
0.3793

59.4021, 0.3125,
0.3264

51.3805, 0.3188,
0.4098

62.7567, 0.3101,
0.3043

49.3474, 0.3201,
0.4423

66.4701, 0.3077,
0.2848

47.6128, 0.3207,
0.4757

69.9054, 0.3120,
0.2767

46.1623, 0.3203,
0.5084

70.7175, 0.3151,
0.2772

■ 44.9799, 0.3188,
0.5382

■ 44.0481, 0.3161,
0.5631

■ 43.3473, 0.3125,
0.5813

■ 42.8502, 0.3085,
0.5925

Harmonies

Analogous

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



56.3931, 0.3286, 0.3541



56.3931, 0.3148, 0.3514



56.3931, 0.3007, 0.3422

Triad

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



56.3931, 0.3148, 0.3514



56.3931, 0.2877, 0.3079



56.3931, 0.3359, 0.3280

Complementary

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



56.3931, 0.3148, 0.3514



50.5430, 0.3104, 0.3072

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.



56.3931, 0.3245, 0.3163



56.3931, 0.3148, 0.3514



56.3931, 0.2967, 0.3048

Square

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



56.3931, 0.3148, 0.3514



56.3931, 0.2853, 0.3168



56.3931, 0.3101, 0.3079



56.3931, 0.3410, 0.3402

Rectangle

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



56.3931, 0.3148, 0.3514



56.3931, 0.2930, 0.3338



56.3931, 0.3101, 0.3079



56.3931, 0.3327, 0.3239

Sweetspot

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



56.3955, 0.3148, 0.3514



98.4098, 0.3134, 0.3364



56.3103, 0.3263, 0.3457



20.9747, 0.3136, 0.3384



0.0000, 0.0000, 0.0000



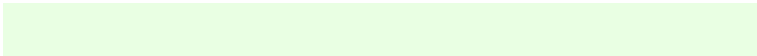
21.4041, 0.3127, 0.3290

Same Dimension

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



56.3955, 0.3148, 0.3514



94.4306, 0.3153, 0.3574



56.0932, 0.3083, 0.3455



12.6566, 0.3149, 0.3527



27.5802, 0.3088, 0.5930



1.4578, 0.3228, 0.5819

Inverse Universe

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



50.5430, 0.3104, 0.3072



82.2137, 0.3097, 0.3015



50.8765, 0.3175, 0.3131



11.2716, 0.3102, 0.3059



7.3695, 0.2650, 0.1233



0.4123, 0.2765, 0.1297

Previews

White Background



This preview shows how the Yxy color 56.3931, 0.3148, 0.3514 looks on a white background.

Color Contrast Check

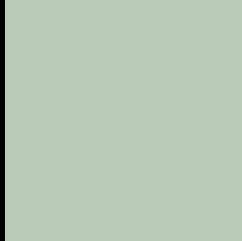
Large Text (above 18pt) WCAG AA × Fail

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 56.3931, 0.3148, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

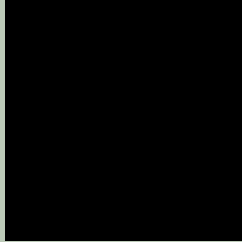
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

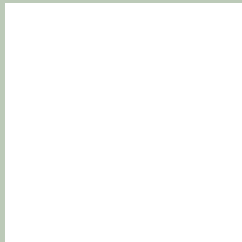
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3931, 0.3148, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 56.3931, 0.3148, 0.3514.



This preview shows how white text looks on a background with the Yxy color 56.3931, 0.3148, 0.3514.

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

56.3931, 0.3148, 0.3514

Protanopia

56.2478, 0.3312, 0.3483

Deuteranopia

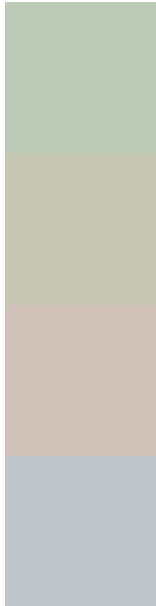
56.1789, 0.3416, 0.3349



Tritanopia

56.5297, 0.2982, 0.3111

Trichromacy



Original Color

56.3931, 0.3148, 0.3514

Protanomaly

56.3664, 0.3253, 0.3498

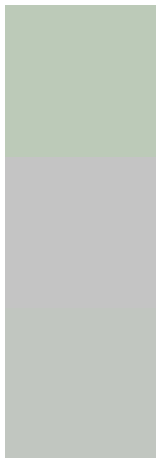
Deuteranomaly

56.0883, 0.3317, 0.3410

Tritanomaly

56.1875, 0.3044, 0.3253

Monochromacy



Original Color

56.3931, 0.3148, 0.3514

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5314, 0.3132, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3931, 0.3148, 0.3514 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, 202, 184)` looks like.

```
.text, #text, p{  
    color:rgb(188, 202, 184)  
}
```

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, 202, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 202, 184) }
```

Border

The CSS property to change the border of an element to Yxy 56.3931, 0.3148, 0.3514 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, 202, 184) }
```

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

```
.border{ border-color:rgb(188, 202, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 202, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 202, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 202, 184); box-shadow:4px 4px 4px 4px rgb(188, 202, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3931, 0.3148, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 202, 184) }
```

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

```
.background{ background-color: rgb(188,  
202, 184) }
```

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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