

Converting Colors

Yxy(56.3278, 0.3123, 0.3541)

Have a look what the booklet for
Yxy(56.3278, 0.3123, 0.3541)
contains.

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Color

Yxy(56.3211, 0.3123, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	B8CBB7
RGB	184, 203, 183
RGB Percent	72%, 80%, 72%
CMY	0.2784, 0.2039, 0.2823
CMYK	0.09, 0.00, 0.10, 0.20
HSL	117°, 16%, 76%
HSV	117°, 10%, 80%
XYZ	49.6726, 56.3211, 53.0605
YIQ	195.0390, -4.9040, -10.2480

Conversions

Conversions Part 2

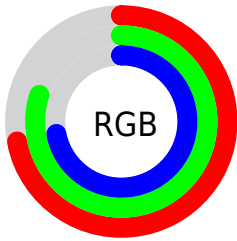
Format	Color
R _{YB}	183, 203, 202
Decimal	12110775
CIE Lab	79.80, -10.17, 7.78
CIE LCh	80, 12.805, 142.586
Yxy	56.3211, 0.3123, 0.3541
Android (android.graphics.Color)	4290300855 (0xFFB8CBB7)
YUV	195.0390, -5.9352, -9.6812
Hunter-Lab	75.0474, -13.1867, 10.6136

Details

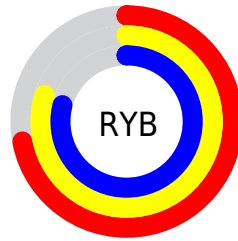
The Yxy color **56.3211, 0.3123, 0.3541** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7433, 0.3130, 0.3050**, and the grayscale version is **54.6383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2773, 0.3126, 0.3448**, and **27.9319, 0.3122, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **53.3156, 0.3117, 0.3829**, and if you desaturate by 10%, it is **59.7783, 0.3127, 0.3286**.

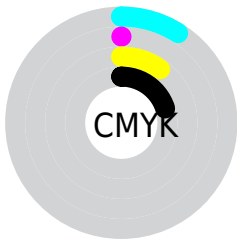
Distribution



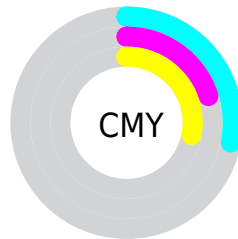
- Red (72%)
- Green (80%)
- Blue (72%)



- Red (72%)
- Yellow (80%)
- Blue (79%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)





- Cyan (28%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3211, 0.3123, 0.3541 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 56.3211, 0.3123, 0.3541 by changing the saturation by 10% instead.

 56.3211, 0.3123,
0.3541

 56.3211, 0.3123,
0.3541


410.9005, 0.3126,
0.3417

 40.4604, 0.3122,
0.3571

 99.4739, 0.3124,
0.3497

 27.8977, 0.3121,
0.3610


127.5348, 0.3125,
0.3480

 18.2486, 0.3118,
0.3661

160.4313, 0.3125,
0.3465

 11.1286, 0.3115,
0.3731

198.5477, 0.3125,
0.3453

 6.1534, 0.3109,
0.3833

242.2684, 0.3126,
0.3442

 2.9386, 0.3097,
0.3998

291.9778, 0.3126,

 1.0998, 0.3106,

0.3433

0.4365

348.0604, 0.3126,
0.3425

0.0000, 0.0000,
0.0000

56.3211, 0.3123,
0.3541

56.3211, 0.3123,
0.3541

53.3156, 0.3117,
0.3829

59.7783, 0.3127,
0.3286

50.7363, 0.3109,
0.4148

63.6971, 0.3130,
0.3064

48.5661, 0.3098,
0.4492

68.0963, 0.3132,
0.2872

46.7840, 0.3085,
0.4845

71.1927, 0.3151,
0.2782

45.3670, 0.3070,
0.5189

■ 44.2899, 0.3053,
0.5496

■ 43.5241, 0.3036,
0.5740

■ 43.0364, 0.3020,
0.5904

■ 42.7803, 0.3009,
0.5991

Harmonies

Analogous

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



56.3211, 0.3288, 0.3586



56.3211, 0.3123, 0.3541



56.3211, 0.2962, 0.3422

Triad

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



56.3211, 0.3123, 0.3541



56.3211, 0.2847, 0.3031



56.3211, 0.3415, 0.3302

Complementary

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



56.3211, 0.3123, 0.3541



50.7433, 0.3130, 0.3050

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.



56.3211, 0.3291, 0.3162



56.3211, 0.3123, 0.3541



56.3211, 0.2962, 0.3008

Square

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



56.3211, 0.3123, 0.3541



56.3211, 0.2805, 0.3125



56.3211, 0.3124, 0.3056



56.3211, 0.3460, 0.3442

Rectangle

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



56.3211, 0.3123, 0.3541



56.3211, 0.2878, 0.3320



56.3211, 0.3124, 0.3056



56.3211, 0.3381, 0.3253

Sweetspot

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



56.3235, 0.3123, 0.3541



98.1641, 0.3126, 0.3364



58.3585, 0.3274, 0.3518



20.9087, 0.3126, 0.3384



0.0000, 0.0000, 0.0000



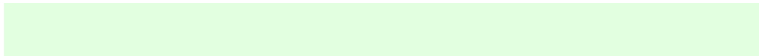
21.4041, 0.3127, 0.3290

Same Dimension

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



56.3235, 0.3123, 0.3541



93.0791, 0.3122, 0.3605



56.5881, 0.3052, 0.3427



12.5631, 0.3123, 0.3529



27.2347, 0.3012, 0.5990



1.4145, 0.3053, 0.5958

Inverse Universe

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



50.7433, 0.3130, 0.3050



81.7197, 0.3131, 0.2992



50.4656, 0.3210, 0.3157



11.3743, 0.3130, 0.3061



9.9650, 0.3086, 0.1474



0.5230, 0.3112, 0.1488

Previews

White Background



This preview shows how the Yxy color 56.3211, 0.3123, 0.3541 looks on a white background.

Color Contrast Check

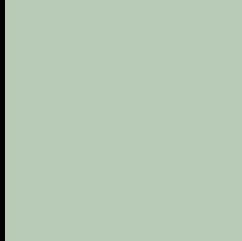
Large Text (above 18pt) WCAG AA × Fail

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 56.3211, 0.3123, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

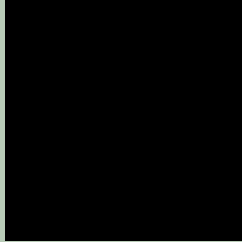
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

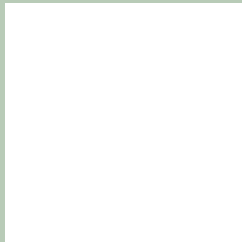
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3211, 0.3123, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 56.3211, 0.3123, 0.3541.



This preview shows how white text looks on a background with the Yxy color 56.3211, 0.3123, 0.3541.

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

56.3211, 0.3123, 0.3541

Protanopia

56.2069, 0.3320, 0.3495

Deuteranopia

56.1365, 0.3424, 0.3360



Tritanopia

56.0620, 0.2946, 0.3097

Trichromacy



Original Color

56.3211, 0.3123, 0.3541

Protanomaly

56.0534, 0.3244, 0.3511

Deuteranomaly

55.9008, 0.3317, 0.3422

Tritanomaly

56.1851, 0.3006, 0.3253

Monochromacy



Original Color

56.3211, 0.3123, 0.3541

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.2261, 0.3123, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3211, 0.3123, 0.3541 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, 203, 183)` looks like.

```
.text, #text, p{  
    color:rgb(184, 203, 183)  
}
```

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, 203, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 203, 183) }
```

Border

The CSS property to change the border of an element to Yxy 56.3211, 0.3123, 0.3541 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, 203, 183) }
```

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

```
.border{ border-color:rgb(184, 203, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 203, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 203, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 203, 183);  
box-shadow:4px 4px 4px 4px rgb(184, 203,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3211, 0.3123, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 203, 183) }
```

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

```
.background{ background-color: rgb(184,  
203, 183) }
```

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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