

Converting Colors

Yxy(56.6813, 0.3146, 0.3681)

Have a look what the booklet for
Yxy(56.6813, 0.3146, 0.3681)
contains.

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Color

Yxy(56.9411, 0.3147, 0.3684)

Conversions

Conversions Part 1

Format	Color
Hex	B4CEAF
RGB	180, 206, 175
RGB Percent	71%, 81%, 69%
CMY	0.2939, 0.1922, 0.3137
CMYK	0.13, 0.00, 0.15, 0.19
HSL	110°, 24%, 75%
HSV	110°, 15%, 81%
XYZ	48.6411, 56.9411, 48.9811
YIQ	194.6920, -5.5450, -15.1530

Conversions

Conversions Part 2

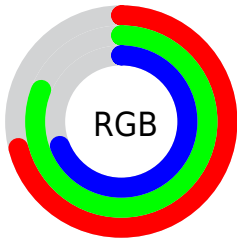
Format	Color
RYB	175, 206, 201
Decimal	11849391
CIELab	80.15, -14.49, 12.52
CIELCh	80, 19.151, 139.156
Yxy	56.9411, 0.3147, 0.3684
Android (android.graphics.Color)	4290039471 (0xFFB4CEAF)
YUV	194.6920, -9.7082, -12.8849
Hunter-Lab	75.4593, -16.9928, 14.3360

Details

The Yxy color **56.9411, 0.3147, 0.3684** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.5212, 0.3101, 0.2916**, and the grayscale version is **54.4483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1224, 0.3147, 0.3531**, and **28.3986, 0.3144, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **54.2526, 0.3157, 0.3983**, and if you desaturate by 10%, it is **60.0151, 0.3134, 0.3414**.

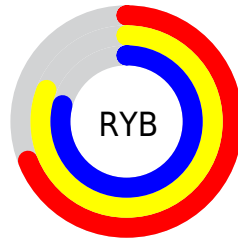
Distribution



Red (71%)

Green (81%)

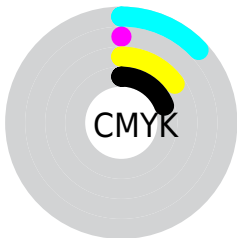
Blue (69%)



Red (69%)

Yellow (81%)

Blue (79%)

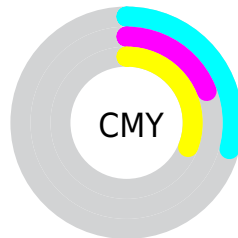


Cyan (13%)

Magenta (0%)

Yellow (15%)

Black (19%)



Cyan (29%)


Magenta (19%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9411, 0.3147, 0.3684 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 56.9411, 0.3147, 0.3684 by changing the saturation by 10% instead.


 56.9411, 0.3147,
0.3684

 56.9411, 0.3147,
0.3684


413.2286, 0.3140,
0.3489

 40.9580, 0.3148,
0.3732


 100.3792, 0.3145,
0.3614

 28.2862, 0.3149,
0.3794


128.6030, 0.3144,
0.3587

 18.5415, 0.3149,
0.3875


161.6758, 0.3143,
0.3564

 11.3395, 0.3149,
0.3987

199.9820, 0.3142,
0.3545

 6.2957, 0.3145,
0.4151

243.9060, 0.3142,
0.3528

 3.0257, 0.3132,
0.4416

293.8321, 0.3141,

 1.1452, 0.3236,

0.3514

0.5190

350.1449, 0.3140,
0.3501

0.0162, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9411, 0.3147,
0.3684

56.9411, 0.3147,
0.3684

54.2526, 0.3157,
0.3983

60.0151, 0.3134,
0.3414

51.9274, 0.3164,
0.4307

63.4816, 0.3120,
0.3175

49.9519, 0.3164,
0.4647

67.3562, 0.3105,
0.2966

48.3090, 0.3158,
0.4986

71.4968, 0.3106,
0.2805

■ 46.9800, 0.3144,
0.5305

■ 72.6182, 0.3150,
0.2811

■ 45.9443, 0.3122,
0.5580

■ 45.1789, 0.3093,
0.5788

■ 44.6568, 0.3060,
0.5920

■ 44.4724, 0.3046,
0.5963

Harmonies

Analogous

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



56.9411, 0.3391, 0.3735



56.9411, 0.3147, 0.3684



56.9411, 0.2905, 0.3513

Triad

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



56.9411, 0.3147, 0.3684



56.9411, 0.2700, 0.2916



56.9411, 0.3542, 0.3279

Complementary

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



56.9411, 0.3147, 0.3684



47.5212, 0.3101, 0.2916

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.



56.9411, 0.3344, 0.3080



56.9411, 0.3147, 0.3684



56.9411, 0.2857, 0.2874

Square

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



56.9411, 0.3147, 0.3684



56.9411, 0.2654, 0.3061



56.9411, 0.3091, 0.2934



56.9411, 0.3625, 0.3488

Rectangle

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



56.9411, 0.3147, 0.3684



56.9411, 0.2776, 0.3360



56.9411, 0.3091, 0.2934



56.9411, 0.3487, 0.3209

Sweetspot

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



56.9435, 0.3147, 0.3684



97.2386, 0.3134, 0.3415



57.9071, 0.3360, 0.3601



20.7328, 0.3135, 0.3433



0.0000, 0.0000, 0.0000



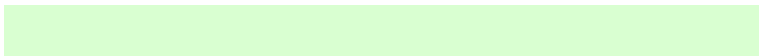
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9435, 0.3147, 0.3684



90.8187, 0.3151, 0.3776



56.7682, 0.3038, 0.3553



12.6235, 0.3140, 0.3528



27.4157, 0.3052, 0.5958



1.4426, 0.3169, 0.5866

Inverse Universe

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



47.5212, 0.3101, 0.2916



72.7354, 0.3095, 0.2835



47.7485, 0.3229, 0.3041



11.3074, 0.3112, 0.3060



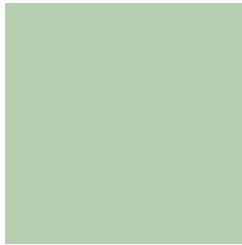
8.2047, 0.2802, 0.1317



0.4487, 0.2887, 0.1364

Previews

White Background



This preview shows how the Yxy color 56.9411, 0.3147, 0.3684 looks on a white background.

Color Contrast Check

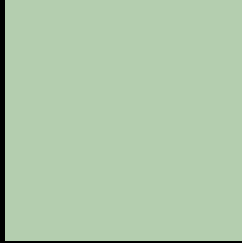
Large Text (above 18pt) WCAG AA × Fail

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 56.9411, 0.3147, 0.3684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

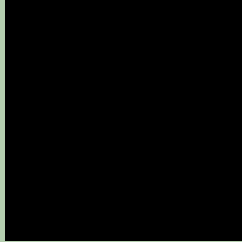
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9411, 0.3147, 0.3684

Background



This preview shows how black text looks on a background with the Yxy color 56.9411, 0.3147, 0.3684.



This preview shows how white text looks on a background with the Yxy color 56.9411, 0.3147, 0.3684.

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

56.9411, 0.3147, 0.3684

Protanopia

56.7383, 0.3412, 0.3615

Deuteranopia

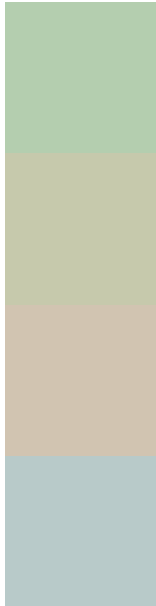
56.4835, 0.3516, 0.3440



Tritanopia

56.8312, 0.2918, 0.3097

Trichromacy



Original Color

56.9411, 0.3147, 0.3684

Protanomaly

56.7576, 0.3317, 0.3647

Deuteranomaly

56.2095, 0.3378, 0.3518

Tritanomaly

56.6485, 0.2998, 0.3302

Monochromacy



Original Color

56.9411, 0.3147, 0.3684

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.4248, 0.3136, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9411, 0.3147, 0.3684 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(180, 206, 175)` looks like.

```
.text, #text, p{  
    color:rgb(180, 206, 175)  
}
```

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(180, 206, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 206, 175) }
```

Border

The CSS property to change the border of an element to Yxy 56.9411, 0.3147, 0.3684 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(180, 206, 175) }
```

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

```
.border{ border-color:rgb(180, 206, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 206, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 206, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 206, 175);  
box-shadow:4px 4px 4px 4px rgb(180, 206,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9411, 0.3147, 0.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 206, 175) }
```

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

```
.background{ background-color: rgb(180,  
206, 175) }
```

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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