

Converting Colors

Yxy(54.8668, 0.3128, 0.3624)

Have a look what the booklet for
Yxy(54.8668, 0.3128, 0.3624)
contains.

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Color

Yxy(54.8406, 0.3127, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	B2CAB0
RGB	178, 202, 176
RGB Percent	70%, 79%, 69%
CMY	0.3019, 0.2078, 0.3098
CMYK	0.12, 0.00, 0.13, 0.21
HSL	115°, 20%, 74%
HSV	115°, 13%, 79%
XYZ	47.3197, 54.8406, 49.1659
YIQ	191.8600, -5.9580, -13.1740

Conversions

Conversions Part 2

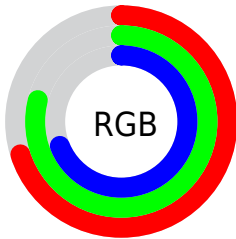
Format	Color
R _{YB}	176, 202, 200
Decimal	11717296
CIE Lab	78.95, -12.98, 10.27
CIE LCh	79, 16.552, 141.658
Yxy	54.8406, 0.3127, 0.3624
Android (android.graphics.Color)	4289907376 (0xFFB2CAB0)
YUV	191.8600, -7.8190, -12.1552
Hunter-Lab	74.0544, -15.5364, 12.4746

Details

The Yxy color **54.8406, 0.3127, 0.3624** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.5933, 0.3125, 0.2974**, and the grayscale version is **52.6780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8386, 0.3129, 0.3522**, and **26.9698, 0.3127, 0.3728** is the 20% darker color. If you saturate the color by 10%, you get **52.0449, 0.3125, 0.3921**, and if you desaturate by 10%, it is **58.0594, 0.3127, 0.3360**.

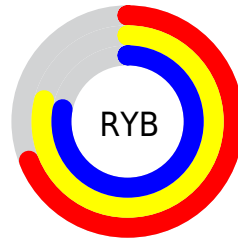
Distribution



Red (70%)

Green (79%)

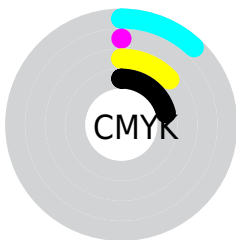
Blue (69%)



Red (69%)

Yellow (79%)

Blue (78%)

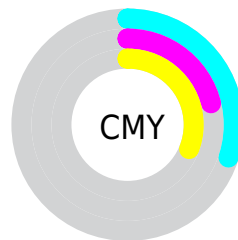


Cyan (12%)

Magenta (0%)

Yellow (13%)

Black (21%)



Cyan (30%)

Magenta (21%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8406, 0.3127, 0.3624 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 54.8406, 0.3127, 0.3624 by changing the saturation by 10% instead.

■ 54.8406, 0.3127,
0.3624

■ 54.8406, 0.3127,
0.3624

405.3074, 0.3129,
0.3458

■ 39.2741, 0.3126,
0.3665

■ 97.3074, 0.3128,
0.3564

■ 26.9730, 0.3125,
0.3718

124.9764, 0.3128,
0.3541

■ 17.5530, 0.3122,
0.3788

157.4485, 0.3129,
0.3522

■ 10.6295, 0.3118,
0.3884

195.1079, 0.3129,
0.3506

■ 5.8183, 0.3109,
0.4028

238.3392, 0.3129,
0.3491

■ 2.7349, 0.3090,
0.4261

287.5266, 0.3129,

■ 0.9950, 0.3154,

0.3479

0.5024

343.0545, 0.3129,
0.3468

0.0000, 0.0000,
0.0000

54.8406, 0.3127,
0.3624

54.8406, 0.3127,
0.3624

52.0449, 0.3125,
0.3921

58.0594, 0.3127,
0.3360

49.6481, 0.3120,
0.4246

61.7106, 0.3126,
0.3128

47.6341, 0.3111,
0.4591

65.8118, 0.3124,
0.2926

45.9830, 0.3100,
0.4941

70.2610, 0.3134,
0.2769

44.6732, 0.3084,
0.5274

70.7214, 0.3151,
0.2772

■ 43.6807, 0.3066,
0.5564

■ 42.9783, 0.3046,
0.5788

■ 42.5344, 0.3026,
0.5929

■ 42.3485, 0.3016,
0.5988

Harmonies

Analogous

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



54.8406, 0.3342, 0.3679



54.8406, 0.3127, 0.3624



54.8406, 0.2917, 0.3469

Triad

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



54.8406, 0.3127, 0.3624



54.8406, 0.2760, 0.2956



54.8406, 0.3500, 0.3297

Complementary

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



54.8406, 0.3127, 0.3624



47.5933, 0.3125, 0.2974

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.



54.8406, 0.3334, 0.3119



54.8406, 0.3127, 0.3624



54.8406, 0.2906, 0.2925

Square

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



54.8406, 0.3127, 0.3624



54.8406, 0.2710, 0.3077



54.8406, 0.3115, 0.2984



54.8406, 0.3563, 0.3480

Rectangle

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



54.8406, 0.3127, 0.3624



54.8406, 0.2808, 0.3335



54.8406, 0.3115, 0.2984



54.8406, 0.3455, 0.3235

Sweetspot

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



54.8429, 0.3127, 0.3624



97.6192, 0.3127, 0.3389



56.9231, 0.3321, 0.3580



20.8016, 0.3127, 0.3409



0.0000, 0.0000, 0.0000



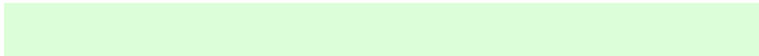
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8429, 0.3127, 0.3624



91.6877, 0.3127, 0.3690



55.0525, 0.3036, 0.3483



12.5778, 0.3127, 0.3529



27.2660, 0.3019, 0.5985



1.4214, 0.3082, 0.5935

Inverse Universe

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



47.5933, 0.3125, 0.2974



77.4193, 0.3124, 0.2915



47.3772, 0.3231, 0.3104



11.3578, 0.3126, 0.3061



9.5076, 0.3017, 0.1436



0.5039, 0.3057, 0.1458

Previews

White Background



This preview shows how the Yxy color 54.8406, 0.3127, 0.3624 looks on a white background.

Color Contrast Check

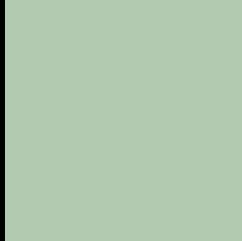
Large Text (above 18pt) WCAG AA × Fail

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 54.8406, 0.3127, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

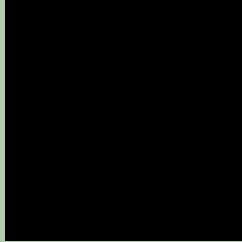
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8406, 0.3127, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 54.8406, 0.3127, 0.3624.



This preview shows how white text looks on a background with the Yxy color 54.8406, 0.3127, 0.3624.

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

54.8406, 0.3127, 0.3624

Protanopia

54.8461, 0.3377, 0.3571

Deuteranopia

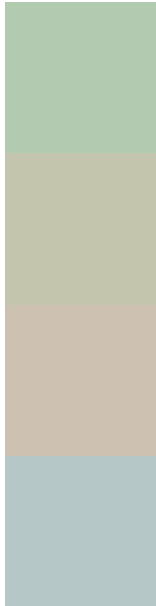
54.4368, 0.3471, 0.3396



Tritanopia

54.8763, 0.2922, 0.3106

Trichromacy



Original Color

54.8406, 0.3127, 0.3624

Protanomaly

55.0074, 0.3289, 0.3601

Deuteranomaly

54.3334, 0.3341, 0.3473

Tritanomaly

54.9155, 0.2997, 0.3290

Monochromacy



Original Color

54.8406, 0.3127, 0.3624

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.5898, 0.3129, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8406, 0.3127, 0.3624 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(178, 202, 176)` looks like.

```
.text, #text, p{  
    color:rgb(178, 202, 176)  
}
```

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(178, 202, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 202, 176) }
```

Border

The CSS property to change the border of an element to Yxy 54.8406, 0.3127, 0.3624 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(178, 202, 176) }
```

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

```
.border{ border-color:rgb(178, 202, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 202, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 202, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 202, 176);  
box-shadow:4px 4px 4px 4px rgb(178, 202,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8406, 0.3127, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 202, 176) }
```

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

```
.background{ background-color: rgb(178,  
202, 176) }
```

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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