

Converting Colors

Yxy(53.4740, 0.3095, 0.3600)

Have a look what the booklet for
Yxy(53.4740, 0.3095, 0.3600)
contains.

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Color

Yxy(53.4418, 0.3097, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	AEC8B0
RGB	174, 200, 176
RGB Percent	68%, 78%, 69%
CMY	0.3176, 0.2157, 0.3097
CMYK	0.13, 0.00, 0.12, 0.22
HSL	125°, 19%, 73%
HSV	125°, 13%, 78%
XYZ	45.9493, 53.4418, 48.9760
YIQ	189.4900, -7.7920, -12.9760

Conversions

Conversions Part 2

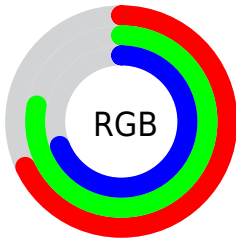
Format	Color
RYB	174, 198, 200
Decimal	11454640
CIELab	78.14, -13.34, 9.06
CIELCh	78, 16.124, 145.802
Yxy	53.4418, 0.3097, 0.3602
Android (android.graphics.Color)	4289644720 (0xFFAEC8B0)
YUV	189.4900, -6.6506, -13.5847
Hunter-Lab	73.1039, -15.7361, 11.4514

Details

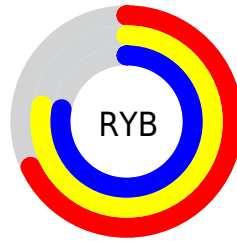
The Yxy color **53.4418, 0.3097, 0.3602** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.6330, 0.3158, 0.2997**, and the grayscale version is **51.2291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1692, 0.3104, 0.3523**, and **26.0528, 0.3087, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **50.6335, 0.3073, 0.3878**, and if you desaturate by 10%, it is **56.6960, 0.3120, 0.3357**.

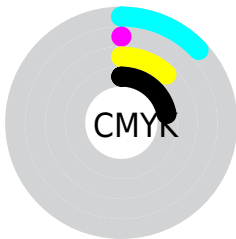
Distribution



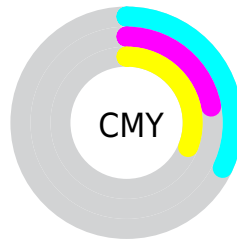
- Red (68%)
- Green (78%)
- Blue (69%)



- Red (68%)
- Yellow (78%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)




- Cyan (32%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4418, 0.3097, 0.3602 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 53.4418, 0.3097, 0.3602 by changing the saturation by 10% instead.


 53.4418, 0.3097,
0.3602

 53.4418, 0.3097,
0.3602


399.9778, 0.3113,
0.3446

 38.1556, 0.3093,
0.3641


 95.2542, 0.3103,
0.3546

 26.1035, 0.3087,
0.3691


122.5491, 0.3105,
0.3524

 16.9011, 0.3078,
0.3757


154.6157, 0.3107,
0.3506

 10.1640, 0.3066,
0.3849

191.8384, 0.3109,
0.3491

 5.5078, 0.3047,
0.3986

234.6015, 0.3110,
0.3478

 2.5482, 0.3011,
0.4212

283.2896, 0.3111,

 0.9007, 0.2983,

0.3466

0.5065

338.2869, 0.3112,
0.3456

0.0000, 0.0000,
0.0000

53.4418, 0.3097,
0.3602

53.4418, 0.3097,
0.3602

50.6335, 0.3073,
0.3878

56.6960, 0.3120,
0.3357

48.2452, 0.3048,
0.4183

60.4073, 0.3142,
0.3143

46.2588, 0.3025,
0.4511

64.5946, 0.3163,
0.2958

44.6522, 0.3005,
0.4848

69.2742, 0.3181,
0.2798

43.4010, 0.2989,
0.5175

69.7888, 0.3152,
0.2752

■ 42.4783, 0.2980,
0.5471

■ 41.8529, 0.2978,
0.5712

■ 41.4878, 0.2983,
0.5880

■ 41.3445, 0.2987,
0.5954

Harmonies

Analogous

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



53.4418, 0.3311, 0.3671



53.4418, 0.3097, 0.3602



53.4418, 0.2896, 0.3440

Triad

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



53.4418, 0.3097, 0.3602



53.4418, 0.2781, 0.2952



53.4418, 0.3509, 0.3323

Complementary

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



53.4418, 0.3097, 0.3602



46.6330, 0.3158, 0.2997

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.



53.4418, 0.3358, 0.3144



53.4418, 0.3097, 0.3602



53.4418, 0.2936, 0.2934

Square

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



53.4418, 0.3097, 0.3602



53.4418, 0.2718, 0.3060



53.4418, 0.3146, 0.3004



53.4418, 0.3554, 0.3500

Rectangle

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



53.4418, 0.3097, 0.3602



53.4418, 0.2795, 0.3306



53.4418, 0.3146, 0.3004



53.4418, 0.3469, 0.3261

Sweetspot

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



53.4441, 0.3097, 0.3602



97.5250, 0.3118, 0.3382



56.4075, 0.3305, 0.3609



20.7779, 0.3116, 0.3400



0.0000, 0.0000, 0.0000



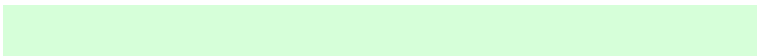
21.4041, 0.3127, 0.3290

Same Dimension

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



53.4441, 0.3097, 0.3602



90.8742, 0.3089, 0.3688



53.9716, 0.3008, 0.3434



11.9009, 0.3106, 0.3510



26.2935, 0.2984, 0.5943



1.2497, 0.2931, 0.5750

Inverse Universe

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



46.6330, 0.3158, 0.2997



76.4733, 0.3167, 0.2922



46.0704, 0.3265, 0.3150



10.8020, 0.3149, 0.3080



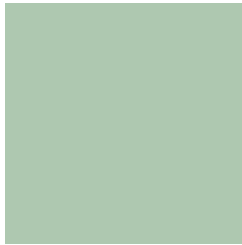
10.0292, 0.3411, 0.1653



0.4792, 0.3364, 0.1627

Previews

White Background



This preview shows how the Yxy color 53.4418, 0.3097, 0.3602 looks on a white background.

Color Contrast Check

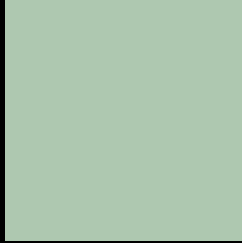
Large Text (above 18pt) WCAG AA × Fail

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 53.4418, 0.3097, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

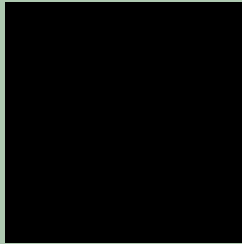
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

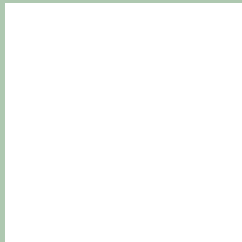
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4418, 0.3097, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 53.4418, 0.3097, 0.3602.



This preview shows how white text looks on a background with the Yxy color 53.4418, 0.3097, 0.3602.

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

53.4418, 0.3097, 0.3602

Protanopia

53.0953, 0.3357, 0.3537

Deuteranopia

53.1242, 0.3449, 0.3374



Tritanopia

53.4367, 0.2898, 0.3092

Trichromacy



Original Color

53.4418, 0.3097, 0.3602

Protanomaly

53.1237, 0.3260, 0.3568

Deuteranomaly

52.8935, 0.3311, 0.3450

Tritanomaly

53.4747, 0.2973, 0.3277

Monochromacy



Original Color

53.4418, 0.3097, 0.3602

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.7910, 0.3122, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4418, 0.3097, 0.3602 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(174, 200, 176)` looks like.

```
.text, #text, p{  
    color:rgb(174, 200, 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(174, 200, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 200, 176) }
```

Border

The CSS property to change the border of an element to Yxy 53.4418, 0.3097, 0.3602 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(174, 200, 176) }
```

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

```
.border{ border-color:rgb(174, 200, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 200, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 200, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 200, 176);  
box-shadow:4px 4px 4px 4px rgb(174, 200,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4418, 0.3097, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 200, 176) }
```

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

```
.background{ background-color: rgb(174,  
200, 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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