

Converting Colors

$Yxy(53.7671, 0.3062, 0.3600)$

Have a look what the booklet for
Yxy(53.7671, 0.3062, 0.3600)
contains.

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Color

Yxy(53.6456, 0.3059, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	ABC9B2
RGB	171, 201, 178
RGB Percent	67%, 79%, 70%
CMY	0.3296, 0.2117, 0.3019
CMYK	0.15, 0.00, 0.11, 0.21
HSL	134°, 22%, 73%
HSV	134°, 15%, 79%
XYZ	45.7108, 53.6456, 50.0742
YIQ	189.4080, -10.4970, -13.5130

Conversions

Conversions Part 2

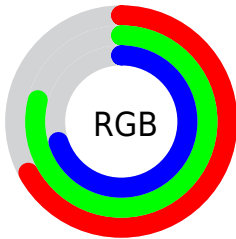
Format	Color
RYB	171, 195, 201
Decimal	11258290
CIELab	78.25, -14.53, 8.13
CIELCh	78, 16.651, 150.769
Yxy	53.6456, 0.3059, 0.3590
Android (android.graphics.Color)	4289448370 (0xFFABC9B2)
YUV	189.4080, -5.6241, -16.1438
Hunter-Lab	73.2432, -16.7742, 10.7354

Details

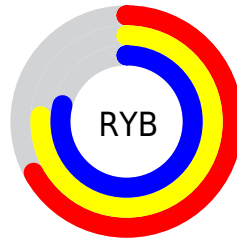
The Yxy color **53.6456, 0.3059, 0.3590** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.4205, 0.3203, 0.3008**, and the grayscale version is **51.1693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7914, 0.3074, 0.3504**, and **26.1997, 0.3038, 0.3684** is the 20% darker color. If you saturate the color by 10%, you get **50.9767, 0.3014, 0.3822**, and if you desaturate by 10%, it is **56.7315, 0.3105, 0.3383**.

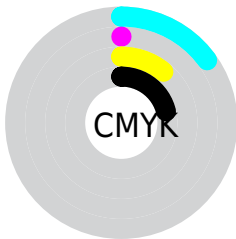
Distribution



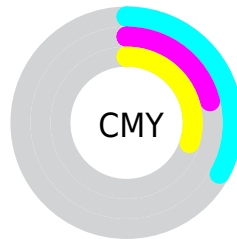
- Red (67%)
- Green (79%)
- Blue (70%)



- Red (67%)
- Yellow (76%)
- Blue (79%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)




- Cyan (33%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6456, 0.3059, 0.3590 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 53.6456, 0.3059, 0.3590 by changing the saturation by 10% instead.


 53.6456, 0.3059,
0.3590

 53.6456, 0.3059,
0.3590


400.7571, 0.3094,
0.3440

 38.3184, 0.3050,
0.3627


 95.5537, 0.3072,
0.3536

 26.2299, 0.3039,
0.3675


122.9034, 0.3077,
0.3515

 16.9957, 0.3023,
0.3739


155.0293, 0.3081,
0.3498

 10.2314, 0.3001,
0.3827

192.3160, 0.3084,
0.3483

 5.5527, 0.2967,
0.3959

235.1477, 0.3087,
0.3470

 2.5750, 0.2909,
0.4176

283.9088, 0.3090,

 0.9141, 0.2771,

0.3459

0.4929

338.9839, 0.3092,
0.3449

0.0000, 0.0000,
0.0000

53.6456, 0.3059,
0.3590

53.6456, 0.3059,
0.3590

50.9767, 0.3014,
0.3822

56.7315, 0.3105,
0.3383

48.7004, 0.2972,
0.4077

60.2442, 0.3150,
0.3201

46.7997, 0.2935,
0.4353

64.2018, 0.3193,
0.3042

45.2542, 0.2906,
0.4641

68.6192, 0.3235,
0.2903

44.0410, 0.2889,
0.4930

70.2538, 0.3153,
0.2763

■ 43.1349, 0.2884,
0.5207

■ 70.2600, 0.3152,
0.2762

■ 42.5068, 0.2894,
0.5454

■ 42.1214, 0.2916,
0.5659

■ 41.9873, 0.2929,
0.5745

Harmonies

Analogous

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



53.6456, 0.3282, 0.3680



53.6456, 0.3059, 0.3590



53.6456, 0.2860, 0.3411

Triad

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



53.6456, 0.3059, 0.3590



53.6456, 0.2791, 0.2932



53.6456, 0.3537, 0.3355

Complementary

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



53.6456, 0.3059, 0.3590



45.4205, 0.3203, 0.3008

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.



53.6456, 0.3397, 0.3168



53.6456, 0.3059, 0.3590



53.6456, 0.2963, 0.2929

Square

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



53.6456, 0.3059, 0.3590



53.6456, 0.2709, 0.3028



53.6456, 0.3184, 0.3015



53.6456, 0.3563, 0.3533

Rectangle

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



53.6456, 0.3059, 0.3590



53.6456, 0.2765, 0.3271



53.6456, 0.3184, 0.3015



53.6456, 0.3502, 0.3291

Sweetspot

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



53.6479, 0.3059, 0.3590



97.6241, 0.3109, 0.3366



56.1879, 0.3292, 0.3664



20.8029, 0.3105, 0.3381



0.0000, 0.0000, 0.0000



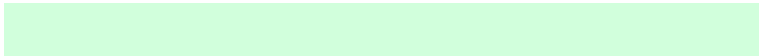
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6479, 0.3059, 0.3590



90.2513, 0.3044, 0.3664



54.2829, 0.2956, 0.3392



11.9281, 0.3084, 0.3472



26.4077, 0.2923, 0.5723



1.2621, 0.2807, 0.5304

Inverse Universe

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



45.4205, 0.3203, 0.3008



73.4545, 0.3223, 0.2943



44.7813, 0.3333, 0.3190



10.7723, 0.3173, 0.3115



9.2843, 0.3902, 0.1923



0.4503, 0.3729, 0.1828

Previews

White Background



This preview shows how the Yxy color 53.6456, 0.3059, 0.3590 looks on a white background.

Color Contrast Check

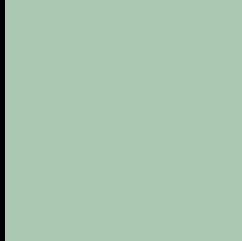
Large Text (above 18pt) WCAG AA × Fail

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 53.6456, 0.3059, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

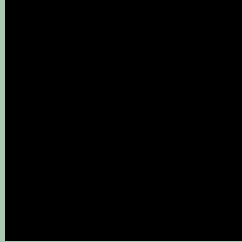
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6456, 0.3059, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 53.6456, 0.3059, 0.3590.



This preview shows how white text looks on a background with the Yxy color 53.6456, 0.3059, 0.3590.

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

53.6456, 0.3059, 0.3590

Protanopia

53.6134, 0.3339, 0.3524

Deuteranopia

53.0529, 0.3424, 0.3350



Tritanopia

53.5804, 0.2870, 0.3091

Trichromacy



Original Color

53.6456, 0.3059, 0.3590

Protanomaly

53.5222, 0.3236, 0.3555

Deuteranomaly

52.8363, 0.3287, 0.3426

Tritanomaly

53.6723, 0.2937, 0.3264

Monochromacy



Original Color

53.6456, 0.3059, 0.3590

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5878, 0.3098, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6456, 0.3059, 0.3590 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(171, 201, 178)` looks like.

```
.text, #text, p{  
    color:rgb(171, 201, 178)  
}
```

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(171, 201, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 201, 178) }
```

Border

The CSS property to change the border of an element to Yxy 53.6456, 0.3059, 0.3590 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(171, 201, 178) }
```

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

```
.border{ border-color:rgb(171, 201, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 201, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 201, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 201, 178);  
box-shadow:4px 4px 4px 4px rgb(171, 201,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6456, 0.3059, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 201, 178) }
```

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

```
.background{ background-color: rgb(171,  
201, 178) }
```

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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