

Converting Colors

Yxy(53.5460, 0.3083, 0.3494)

Have a look what the booklet for
Yxy(53.5460, 0.3083, 0.3494)
contains.

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Color

Yxy(53.7307, 0.3079, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	B2C7B7
RGB	178, 199, 183
RGB Percent	70%, 78%, 72%
CMY	0.3018, 0.2196, 0.2824
CMYK	0.11, 0.00, 0.08, 0.22
HSL	134°, 16%, 74%
HSV	134°, 11%, 78%
XYZ	47.3353, 53.7307, 52.6699
YIQ	190.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

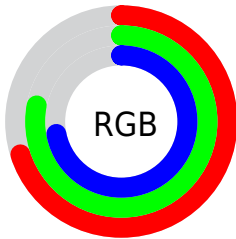
Format	Color
RYB	178, 195, 199
Decimal	11716535
CIELab	78.30, -10.16, 5.59
CIELCh	78, 11.598, 151.158
Yxy	53.7307, 0.3079, 0.3495
Android (android.graphics.Color)	4289906615 (0xFFB2C7B7)
YUV	190.8970, -3.8932, -11.3107
Hunter-Lab	73.3012, -13.0083, 8.7086

Details

The Yxy color **53.7307, 0.3079, 0.3495** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8926, 0.3179, 0.3093**, and the grayscale version is **52.0674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2444, 0.3089, 0.3450**, and **26.2225, 0.3063, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **50.9478, 0.3033, 0.3715**, and if you desaturate by 10%, it is **56.9280, 0.3125, 0.3300**.

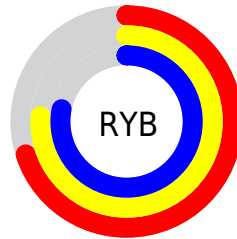
Distribution



Red (70%)

Green (78%)

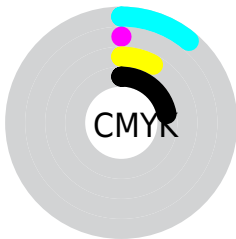
Blue (72%)



Red (70%)

Yellow (76%)

Blue (78%)

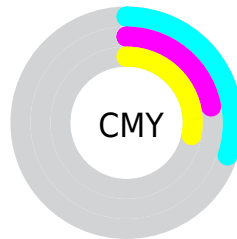


Cyan (11%)

Magenta (0%)

Yellow (8%)

Black (22%)



Cyan (30%)

Magenta (22%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7307, 0.3079, 0.3495 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 53.7307, 0.3079, 0.3495 by changing the saturation by 10% instead.


 53.7307, 0.3079,
0.3495

 53.7307, 0.3079,
0.3495


401.0823, 0.3103,
0.3394

 38.3864, 0.3073,
0.3520


 95.6787, 0.3088,
0.3458

 26.2827, 0.3065,
0.3552


123.0512, 0.3091,
0.3444

 17.0353, 0.3055,
0.3595


155.2020, 0.3094,
0.3433

 10.2596, 0.3040,
0.3654

192.5153, 0.3096,
0.3423

 5.5714, 0.3018,
0.3741

235.3755, 0.3098,
0.3414

 2.5863, 0.2980,
0.3882

284.1672, 0.3100,

 0.9198, 0.2903,

0.3406

0.4267

339.2746, 0.3102,
0.3400

0.0000, 0.0000,
0.0000

53.7307, 0.3079,
0.3495

53.7307, 0.3079,
0.3495

50.9478, 0.3033,
0.3715

56.9280, 0.3125,
0.3300

48.5556, 0.2990,
0.3960

60.5486, 0.3169,
0.3128

46.5384, 0.2950,
0.4226

64.6098, 0.3212,
0.2979

44.8769, 0.2917,
0.4509

68.6231, 0.3233,
0.2846

43.5499, 0.2894,
0.4799

69.3256, 0.3153,
0.2742

■ 42.5339, 0.2883,
0.5083

■ 41.8024, 0.2887,
0.5345

■ 41.3240, 0.2904,
0.5570

■ 41.0512, 0.2928,
0.5741

Harmonies

Analogous

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



53.7307, 0.3234, 0.3558



53.7307, 0.3079, 0.3495



53.7307, 0.2939, 0.3373

Triad

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



53.7307, 0.3079, 0.3495



53.7307, 0.2893, 0.3039



53.7307, 0.3412, 0.3339

Complementary

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



53.7307, 0.3079, 0.3495



47.8926, 0.3179, 0.3093

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.



53.7307, 0.3316, 0.3207



53.7307, 0.3079, 0.3495



53.7307, 0.3015, 0.3036

Square

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



53.7307, 0.3079, 0.3495



53.7307, 0.2834, 0.3108



53.7307, 0.3170, 0.3097



53.7307, 0.3429, 0.3463

Rectangle

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



53.7307, 0.3079, 0.3495



53.7307, 0.2872, 0.3277



53.7307, 0.3170, 0.3097



53.7307, 0.3388, 0.3295

Sweetspot

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



53.7330, 0.3079, 0.3495



98.2073, 0.3113, 0.3346



55.5446, 0.3243, 0.3550



20.9203, 0.3110, 0.3362



0.0000, 0.0000, 0.0000



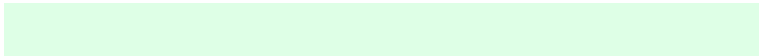
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7330, 0.3079, 0.3495



92.7216, 0.3067, 0.3551



54.1829, 0.3006, 0.3360



11.9283, 0.3084, 0.3471



26.4092, 0.2922, 0.5720



1.2622, 0.2806, 0.5301

Inverse Universe

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



47.8926, 0.3179, 0.3093



80.1483, 0.3194, 0.3042



47.4407, 0.3265, 0.3221



10.7721, 0.3173, 0.3115



9.2784, 0.3907, 0.1926



0.4500, 0.3733, 0.1830

Previews

White Background



This preview shows how the Yxy color 53.7307, 0.3079, 0.3495 looks on a white background.

Color Contrast Check

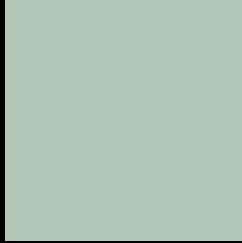
Large Text (above 18pt) WCAG AA × Fail

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 53.7307, 0.3079, 0.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

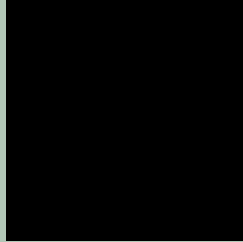
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

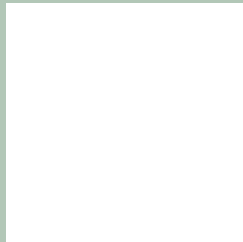
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7307, 0.3079, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 53.7307, 0.3079, 0.3495.



This preview shows how white text looks on a background with the Yxy color 53.7307, 0.3079, 0.3495.

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

53.7307, 0.3079, 0.3495

Protanopia

53.7146, 0.3284, 0.3450

Deuteranopia

53.4905, 0.3380, 0.3314



Tritanopia

53.7506, 0.2928, 0.3105

Trichromacy



Original Color

53.7307, 0.3079, 0.3495

Protanomaly

53.5729, 0.3208, 0.3465

Deuteranomaly

53.2789, 0.3272, 0.3376

Tritanomaly

53.4737, 0.2982, 0.3240

Monochromacy



Original Color

53.7307, 0.3079, 0.3495

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.6535, 0.3108, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7307, 0.3079, 0.3495 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, 199, 183)` looks like.

```
.text, #text, p{  
    color:rgb(178, 199, 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(178, 199, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 199, 183) }
```

Border

The CSS property to change the border of an element to Yxy 53.7307, 0.3079, 0.3495 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, 199, 183) }
```

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

```
.border{ border-color:rgb(178, 199, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 199, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 199, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 199, 183);  
box-shadow:4px 4px 4px 4px rgb(178, 199,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7307, 0.3079, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 199, 183) }
```

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

```
.background{ background-color: rgb(178,  
199, 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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