

Converting Colors

Yxy(53.2281, 0.3268, 0.4091)

Have a look what the booklet for
Yxy(53.2281, 0.3268, 0.4091)
contains.

| | |
|---|----|
| Yxy(53.4148, 0.3263, 0.4095) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(53.4148, 0.3263, 0.4095)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | A7CC90 |
| RGB | 167, 204, 144 |
| RGB Percent | 65%, 80%, 56% |
| CMY | 0.3452, 0.2000, 0.4352 |
| CMYK | 0.18, 0.00, 0.29, 0.20 |
| HSL | 97°, 37%, 68% |
| HSV | 97°, 29%, 80% |
| XYZ | 42.5623, 53.4148, 34.4620 |
| YIQ | 186.0970, -2.7920, -26.5040 |

Conversions

Conversions Part 2

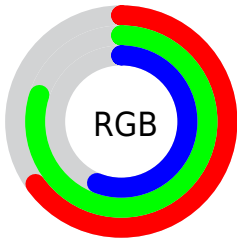
| Format | Color |
|-------------------------------------|--|
| RYB | 144, 204, 181 |
| Decimal | 10996880 |
| CIELab | 78.12, -23.16, 25.98 |
| CIELCh | 78, 34.799, 131.715 |
| Yxy | 53.4148, 0.3263, 0.4095 |
| Android (android.graphics.Color) | 4289186960 (0xFFA7CC90) |
| YUV | 186.0970, -20.7538, -16.7481 |
| Hunter-Lab | 73.0854, -23.9477, 23.2028 |

Details

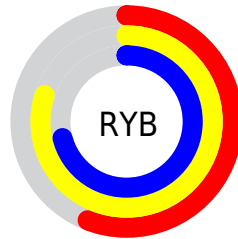
The Yxy color **53.4148, 0.3263, 0.4095** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.1438, 0.2943, 0.2516**, and the grayscale version is **49.2803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2852, 0.3255, 0.3890**, and **26.1804, 0.3284, 0.4337** is the 20% darker color. If you saturate the color by 10%, you get **51.5433, 0.3300, 0.4405**, and if you desaturate by 10%, it is **55.5372, 0.3220, 0.3800**.

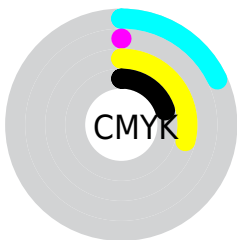
Distribution



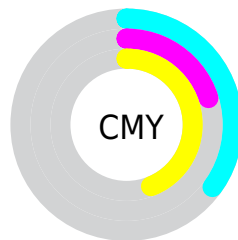
- Red (65%)
- Green (80%)
- Blue (56%)



- Red (56%)
- Yellow (80%)
- Blue (71%)



- Cyan (18%)
- Magenta (0%)
- Yellow (29%)
- Black (20%)





- Cyan (35%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4148, 0.3263, 0.4095 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 53.4148, 0.3263, 0.4095 by changing the saturation by 10% instead.


 53.4148, 0.3263,
0.4095

 53.4148, 0.3263,
0.4095


399.8745, 0.3206,
0.3687

 38.1340, 0.3273,
0.4198


 95.2145, 0.3245,
0.3946

 26.0867, 0.3284,
0.4331


 122.5021, 0.3238,
0.3890

 16.8885, 0.3295,
0.4507

154.5609, 0.3231,
0.3843

 10.1550, 0.3302,
0.4753

191.7751, 0.3225,
0.3802

 5.5019, 0.3294,
0.5116

234.5291, 0.3219,
0.3768

 2.5446, 0.3318,
0.5837

283.2075, 0.3215,

 0.8989, 0.2433,

0.3737

0.7567

338.1945, 0.3210,
0.3710

0.0000, 0.0000,
0.0000

53.4148, 0.3263,
0.4095

53.4148, 0.3263,
0.4095

51.5433, 0.3300,
0.4405

55.5372, 0.3220,
0.3800

49.9059, 0.3326,
0.4719

57.9128, 0.3173,
0.3526

48.4942, 0.3339,
0.5023


60.5527, 0.3124,
0.3276


47.2968, 0.3335,
0.5300

63.4652, 0.3076,
0.3051


46.3008, 0.3313,
0.5532


66.6582, 0.3030,
0.2850

 45.4916, 0.3273,
0.5706

 69.3810, 0.3060,
0.2777

 44.8470, 0.3221,
0.5821

 71.6688, 0.3151,
0.2792

 44.8123, 0.3218,
0.5827

Harmonies

Analogous

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



53.4148, 0.3698, 0.4101



53.4148, 0.3263, 0.4095



53.4148, 0.2811, 0.3817

Triad

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



53.4148, 0.3263, 0.4095



53.4148, 0.2320, 0.2649



53.4148, 0.3827, 0.3161

Complementary

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



53.4148, 0.3263, 0.4095



34.1438, 0.2943, 0.2516

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.



53.4148, 0.3409, 0.2836



53.4148, 0.3263, 0.4095



53.4148, 0.2547, 0.2545

Square

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



53.4148, 0.3263, 0.4095



53.4148, 0.2289, 0.2938



53.4148, 0.2937, 0.2616



53.4148, 0.4044, 0.3532

Rectangle

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



53.4148, 0.3263, 0.4095



53.4148, 0.2561, 0.3526



53.4148, 0.2937, 0.2616



53.4148, 0.3704, 0.3045

Sweetspot

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



53.4171, 0.3263, 0.4095



96.0207, 0.3171, 0.3518



47.9061, 0.3643, 0.3755



20.4221, 0.3178, 0.3557



0.0000, 0.0000, 0.0000



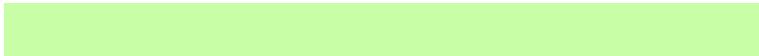
21.4041, 0.3127, 0.3290

Same Dimension

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



53.4171, 0.3263, 0.4095



86.5314, 0.3286, 0.4281



51.3556, 0.3041, 0.4037



12.7427, 0.3173, 0.3525



28.2531, 0.3227, 0.5819



1.5008, 0.3385, 0.5694

Inverse Universe

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



34.1438, 0.2943, 0.2516



49.7482, 0.2895, 0.2345



36.8243, 0.3226, 0.2643



11.1810, 0.3078, 0.3057



5.5866, 0.2277, 0.1028



0.3310, 0.2459, 0.1128

Previews

White Background



This preview shows how the Yxy color 53.4148, 0.3263, 0.4095 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 53.4148, 0.3263, 0.4095 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 53.4148, 0.3263, 0.4095

Background



This preview shows how black text looks on a background with the Yxy color 53.4148, 0.3263, 0.4095.



This preview shows how white text looks on a background with the Yxy color 53.4148, 0.3263, 0.4095.

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

53.4148, 0.3263, 0.4095

Protanopia

53.2694, 0.3668, 0.3951

Deuteranopia

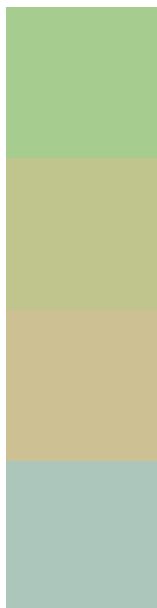
53.0048, 0.3795, 0.3721



Tritanopia

53.0805, 0.2876, 0.3090

Trichromacy



Original Color

53.4148, 0.3263, 0.4095

Protanomaly

53.0621, 0.3509, 0.4003

Deuteranomaly

52.7850, 0.3591, 0.3845

Tritanomaly

52.8603, 0.3012, 0.3432

Monochromacy



Original Color

53.4148, 0.3263, 0.4095

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.6639, 0.3179, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4148, 0.3263, 0.4095 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(167, 204, 144)` looks like.

```
.text, #text, p{  
    color:rgb(167, 204, 144)  
}
```

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(167, 204, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 204, 144) }
```

Border

The CSS property to change the border of an element to Yxy 53.4148, 0.3263, 0.4095 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(167, 204, 144) }
```

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

```
.border{ border-color:rgb(167, 204, 144) }
```

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

Here you see how a box with a 4 pixel rgb(167, 204, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 204, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 204, 144);  
box-shadow:4px 4px 4px 4px rgb(167, 204,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4148, 0.3263, 0.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 204, 144) }
```

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

```
.background{ background-color: rgb(167,  
204, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor