

Converting Colors

Yxy(52.4684, 0.3133, 0.4089)

Have a look what the booklet for
Yxy(52.4684, 0.3133, 0.4089)
contains.

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Color

Yxy(52.5415, 0.3134, 0.4092)

Conversions

Conversions Part 1

Format	Color
Hex	99CD93
RGB	153, 205, 147
RGB Percent	60%, 80%, 58%
CMY	0.3998, 0.1961, 0.4236
CMYK	0.25, 0.00, 0.28, 0.20
HSL	114°, 37%, 69%
HSV	114°, 28%, 80%
XYZ	40.2407, 52.5415, 35.6183
YIQ	182.8400, -12.3740, -29.0620

Conversions

Conversions Part 2

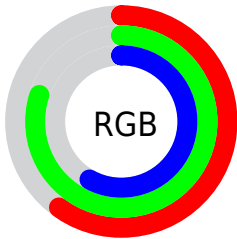
Format	Color
RYB	147, 205, 199
Decimal	10079635
CIELab	77.60, -28.02, 23.58
CIElCh	78, 36.620, 139.917
Yxy	52.5415, 0.3134, 0.4092
Android (android.graphics.Color)	4288269715 (0xFF99CD93)
YUV	182.8400, -17.6691, -26.1697
Hunter-Lab	72.4855, -27.7544, 21.6056

Details

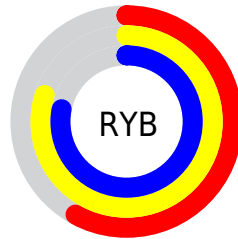
The Yxy color **52.5415, 0.3134, 0.4092** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.4037, 0.3103, 0.2580**, and the grayscale version is **47.3710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1469, 0.3143, 0.3874**, and **25.3665, 0.3116, 0.4326** is the 20% darker color. If you saturate the color by 10%, you get **50.3048, 0.3131, 0.4428**, and if you desaturate by 10%, it is **55.1721, 0.3134, 0.3780**.

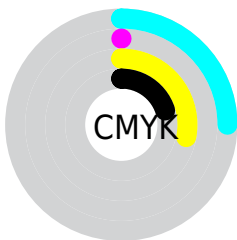
Distribution



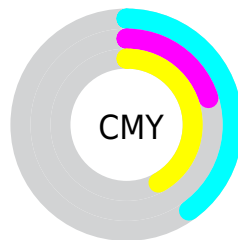
- Red (60%)
- Green (80%)
- Blue (58%)



- Red (58%)
- Yellow (80%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (28%)
- Black (20%)





- Cyan (40%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5415, 0.3134, 0.4092 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 52.5415, 0.3134, 0.4092 by changing the saturation by 10% instead.


 52.5415, 0.3134,
0.4092


 52.5415, 0.3134,
0.4092

396.5236, 0.3141,
0.3682

 37.4369, 0.3129,
0.4197

 93.9293, 0.3139,
0.3941

 25.5459, 0.3121,
0.4333


 120.9814, 0.3140,
0.3885

 16.4843, 0.3106,
0.4516


152.7846, 0.3140,
0.3837

 9.8675, 0.3079,
0.4773

189.7235, 0.3141,
0.3797

 5.3112, 0.3022,
0.5161

232.1825, 0.3141,
0.3762

 2.4310, 0.2945,
0.5905

280.5459, 0.3141,


 0.8418, 0.1212,


0.3732


0.8788


335.1981, 0.3141,
0.3705


 0.0000, 0.0000,
0.0000


 52.5415, 0.3134,
0.4092


 52.5415, 0.3134,
0.4092

 50.3048, 0.3131,
0.4428


 55.1721, 0.3134,
0.3780

 48.4368, 0.3123,
0.4776


 58.2073, 0.3131,
0.3499


 46.9196, 0.3111,
0.5117

 61.6657, 0.3126,
0.3250

 45.7310, 0.3093,
0.5428

 65.5627, 0.3120,
0.3032

 44.8465, 0.3072,
0.5685

 69.9128, 0.3114,
0.2842

■ 44.2379, 0.3048,
0.5866

■ 72.1403, 0.3150,
0.2801

■ 43.8690, 0.3026,
0.5968

■ 43.8244, 0.3023,
0.5982

Harmonies

Analogous

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



52.5415, 0.3612, 0.4175



52.5415, 0.3134, 0.4092



52.5415, 0.2676, 0.3729

Triad

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



52.5415, 0.3134, 0.4092



52.5415, 0.2323, 0.2564



52.5415, 0.3958, 0.3257

Complementary

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



52.5415, 0.3134, 0.4092



37.4037, 0.3103, 0.2580

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.



52.5415, 0.3559, 0.2896



52.5415, 0.3134, 0.4092



52.5415, 0.2612, 0.2509

Square

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



52.5415, 0.3134, 0.4092



52.5415, 0.2233, 0.2814



52.5415, 0.3058, 0.2630



52.5415, 0.4111, 0.3648

Rectangle

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



52.5415, 0.3134, 0.4092



52.5415, 0.2442, 0.3402



52.5415, 0.3058, 0.2630



52.5415, 0.3846, 0.3130

Sweetspot

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



52.5437, 0.3134, 0.4092



95.4536, 0.3131, 0.3494



55.5769, 0.3572, 0.3916



20.2590, 0.3131, 0.3535



0.0000, 0.0000, 0.0000



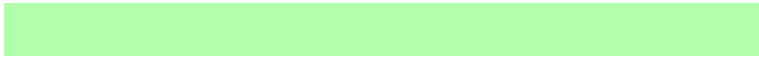
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5437, 0.3134, 0.4092



83.7482, 0.3132, 0.4296



52.7351, 0.2943, 0.3782



12.5921, 0.3131, 0.3528



27.3038, 0.3028, 0.5978



1.4281, 0.3110, 0.5913

Inverse Universe

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



37.4037, 0.3103, 0.2580



54.9176, 0.3094, 0.2424



37.2507, 0.3371, 0.2845



11.3419, 0.3121, 0.3060



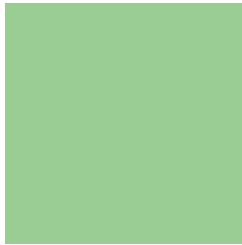
9.0795, 0.2949, 0.1398



0.4859, 0.3003, 0.1428

Previews

White Background



This preview shows how the Yxy color 52.5415, 0.3134, 0.4092 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 52.5415, 0.3134, 0.4092 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 52.5415, 0.3134, 0.4092

Background



This preview shows how black text looks on a background with the Yxy color 52.5415, 0.3134, 0.4092.



This preview shows how white text looks on a background with the Yxy color 52.5415, 0.3134, 0.4092.

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

52.5415, 0.3134, 0.4092

Protanopia

52.1638, 0.3642, 0.3908

Deuteranopia

52.2360, 0.3737, 0.3667



Tritanopia

52.5785, 0.2779, 0.3099

Trichromacy



Original Color

52.5415, 0.3134, 0.4092

Protanomaly

51.9021, 0.3445, 0.3978

Deuteranomaly

51.9070, 0.3505, 0.3819

Tritanomaly

52.4130, 0.2910, 0.3448

Monochromacy



Original Color

52.5415, 0.3134, 0.4092

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.9345, 0.3130, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5415, 0.3134, 0.4092 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(153, 205, 147)` looks like.

```
.text, #text, p{  
    color:rgb(153, 205, 147)  
}
```

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(153, 205, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 205, 147) }
```

Border

The CSS property to change the border of an element to Yxy 52.5415, 0.3134, 0.4092 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(153, 205, 147) }
```

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

```
.border{ border-color:rgb(153, 205, 147) }
```

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

Here you see how a box with a 4 pixel rgb(153, 205, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 205, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 205, 147);  
box-shadow:4px 4px 4px 4px rgb(153, 205,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5415, 0.3134, 0.4092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 205, 147) }
```

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

```
.background{ background-color: rgb(153,  
205, 147) }
```

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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