

Converting Colors

Yxy(52.2694, 0.3139, 0.4176)

Have a look what the booklet for
Yxy(52.2694, 0.3139, 0.4176)
contains.

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Color

Yxy(52.0052, 0.3137, 0.4171)

Conversions

Conversions Part 1

Format	Color
Hex	95CD8E
RGB	149, 205, 142
RGB Percent	58%, 80%, 56%
CMY	0.4155, 0.1961, 0.4432
CMYK	0.27, 0.00, 0.31, 0.20
HSL	113°, 39%, 68%
HSV	113°, 31%, 80%
XYZ	39.1130, 52.0052, 33.5646
YIQ	181.0740, -13.1530, -31.4650

Conversions

Conversions Part 2

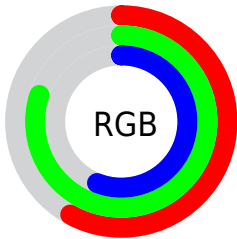
Format	Color
RYB	142, 205, 198
Decimal	9817486
CIELab	77.28, -30.18, 25.73
CIELCh	77, 39.661, 139.553
Yxy	52.0052, 0.3137, 0.4171
Android (android.graphics.Color)	4288007566 (0xFF95CD8E)
YUV	181.0740, -19.2635, -28.1289
Hunter-Lab	72.1146, -29.3871, 22.8847

Details

The Yxy color **52.0052, 0.3137, 0.4171** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.7511, 0.3095, 0.2517**, and the grayscale version is **46.3668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3429, 0.3146, 0.3935**, and **25.0548, 0.3120, 0.4436** is the 20% darker color. If you saturate the color by 10%, you get **49.8659, 0.3134, 0.4510**, and if you desaturate by 10%, it is **54.5300, 0.3136, 0.3853**.

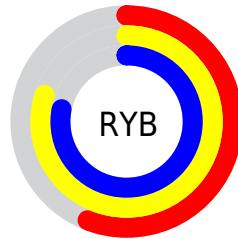
Distribution



Red (58%)

Green (80%)

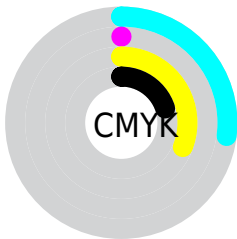
Blue (56%)



Red (56%)

Yellow (80%)

Blue (78%)

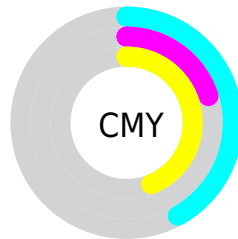


Cyan (27%)

Magenta (0%)

Yellow (31%)

Black (20%)



Cyan (42%)


Magenta (20%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0052, 0.3137, 0.4171 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 52.0052, 0.3137, 0.4171 by changing the saturation by 10% instead.


 52.0052, 0.3137,
0.4171

 52.0052, 0.3137,
0.4171


 394.4567, 0.3144,
0.3718


 37.0092, 0.3131,
0.4287


 93.1389, 0.3143,
0.4004


 25.2146, 0.3121,
0.4438


 120.0454, 0.3144,
0.3942

 16.2370, 0.3103,
0.4641


 151.6909, 0.3144,
0.3890

 9.6920, 0.3070,
0.4928

 188.4598, 0.3145,
0.3845

 5.1953, 0.3000,
0.5359

 230.7364, 0.3145,
0.3807

 2.3623, 0.2946,
0.6296

 278.9051, 0.3145,

 0.8064, 0.0355,

0.3773

0.9645

333.3504, 0.3144,
0.3744

0.0000, 0.0000,
0.0000

52.0052, 0.3137,
0.4171

52.0052, 0.3137,
0.4171

49.8659, 0.3134,
0.4510

54.5300, 0.3136,
0.3853

48.0867, 0.3126,
0.4858

57.4508, 0.3133,
0.3565

46.6497, 0.3112,
0.5194

60.7863, 0.3128,
0.3308

45.5326, 0.3094,
0.5493

64.5516, 0.3121,
0.3082

44.7107, 0.3071,
0.5733

68.7615, 0.3114,
0.2886

■ 44.1554, 0.3046,
0.5895

■ 72.1413, 0.3150,
0.2801

■ 43.8426, 0.3025,
0.5980

Harmonies

Analogous

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



52.0052, 0.3654, 0.4252



52.0052, 0.3137, 0.4171



52.0052, 0.2642, 0.3775

Triad

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



52.0052, 0.3137, 0.4171



52.0052, 0.2257, 0.2507



52.0052, 0.4027, 0.3245

Complementary

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



52.0052, 0.3137, 0.4171



35.7511, 0.3095, 0.2517

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.



52.0052, 0.3589, 0.2860



52.0052, 0.3137, 0.4171



52.0052, 0.2564, 0.2448

Square

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



52.0052, 0.3137, 0.4171



52.0052, 0.2163, 0.2775



52.0052, 0.3043, 0.2577



52.0052, 0.4196, 0.3665

Rectangle

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



52.0052, 0.3137, 0.4171



52.0052, 0.2389, 0.3416



52.0052, 0.3043, 0.2577



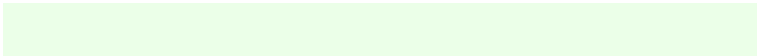
52.0052, 0.3904, 0.3109

Sweetspot

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



52.0074, 0.3137, 0.4171



94.9460, 0.3132, 0.3521



55.1585, 0.3612, 0.3970



20.1590, 0.3133, 0.3561



0.0000, 0.0000, 0.0000



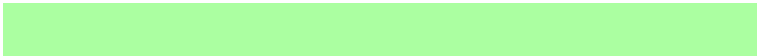
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0074, 0.3137, 0.4171



82.7614, 0.3135, 0.4398



52.1701, 0.2929, 0.3831



12.5960, 0.3132, 0.3528



27.3154, 0.3030, 0.5976



1.4299, 0.3118, 0.5907

Inverse Universe

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



35.7511, 0.3095, 0.2517



51.9011, 0.3084, 0.2347



35.6529, 0.3398, 0.2806



11.3376, 0.3120, 0.3060



8.9669, 0.2931, 0.1388



0.4812, 0.2989, 0.1420

Previews

White Background



This preview shows how the Yxy color 52.0052, 0.3137, 0.4171 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 52.0052, 0.3137, 0.4171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

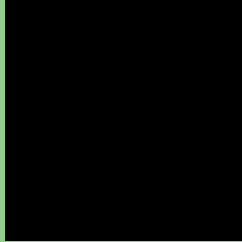
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0052, 0.3137, 0.4171

Background



This preview shows how black text looks on a background with the Yxy color 52.0052, 0.3137, 0.4171.

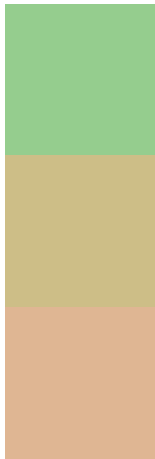


This preview shows how white text looks on a background with the Yxy color 52.0052, 0.3137, 0.4171.

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

52.0052, 0.3137, 0.4171

Protanopia

51.5553, 0.3693, 0.3970

Deuteranopia

51.2505, 0.3788, 0.3703



Tritanopia

51.8104, 0.2758, 0.3084

Trichromacy



Original Color

52.0052, 0.3137, 0.4171

Protanomaly

51.1795, 0.3476, 0.4033

Deuteranomaly

50.6070, 0.3533, 0.3863

Tritanomaly

51.6028, 0.2894, 0.3450

Monochromacy



Original Color

52.0052, 0.3137, 0.4171

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

48.0519, 0.3129, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0052, 0.3137, 0.4171 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(149, 205, 142)` looks like.

```
.text, #text, p{  
    color:rgb(149, 205, 142)  
}
```

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(149, 205, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 205, 142) }
```

Border

The CSS property to change the border of an element to Yxy 52.0052, 0.3137, 0.4171 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(149, 205, 142) }
```

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

```
.border{ border-color:rgb(149, 205, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 205, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 205, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 205, 142);  
box-shadow:4px 4px 4px 4px rgb(149, 205,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0052, 0.3137, 0.4171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 205, 142) }
```

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

```
.background{ background-color: rgb(149,  
205, 142) }
```

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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