

Converting Colors

Yxy(52.5290, 0.3155, 0.3864)

Have a look what the booklet for
Yxy(52.5290, 0.3155, 0.3864)
contains.

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Color

Yxy(52.3835, 0.3154, 0.3854)

Conversions

Conversions Part 1

Format	Color
Hex	A6C99F
RGB	166, 201, 159
RGB Percent	65%, 79%, 62%
CMY	0.3491, 0.2117, 0.3763
CMYK	0.17, 0.00, 0.21, 0.21
HSL	110°, 28%, 71%
HSV	110°, 21%, 79%
XYZ	42.8691, 52.3835, 40.6672
YIQ	185.7470, -7.3780, -20.4820

Conversions

Conversions Part 2

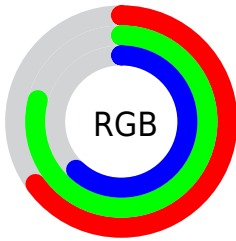
Format	Color
RYB	159, 201, 194
Decimal	10930591
CIELab	77.51, -19.61, 17.19
CIElCh	78, 26.080, 138.762
Yxy	52.3835, 0.3154, 0.3854
Android (android.graphics.Color)	4289120671 (0xFFA6C99F)
YUV	185.7470, -13.1863, -17.3181
Hunter-Lab	72.3764, -20.9319, 17.3494

Details

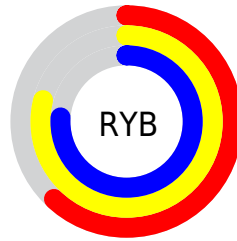
The Yxy color **52.3835, 0.3154, 0.3854** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.5033, 0.3088, 0.2766**, and the grayscale version is **49.0322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7472, 0.3150, 0.3719**, and **25.5064, 0.3163, 0.4029** is the 20% darker color. If you saturate the color by 10%, you get **50.0475, 0.3162, 0.4168**, and if you desaturate by 10%, it is **55.0740, 0.3142, 0.3568**.

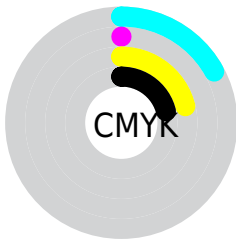
Distribution



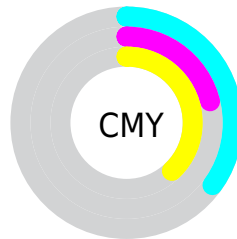
- Red (65%)
- Green (79%)
- Blue (62%)



- Red (62%)
- Yellow (79%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (21%)
- Black (21%)





- Cyan (35%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3835, 0.3154, 0.3854 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 52.3835, 0.3154, 0.3854 by changing the saturation by 10% instead.

 52.3835, 0.3154,
0.3854

 52.3835, 0.3154,
0.3854


395.9153, 0.3146,
0.3568

 37.3108, 0.3154,
0.3926


 93.6966, 0.3152,
0.3749

 25.4483, 0.3154,
0.4020


 120.7058, 0.3151,
0.3710

 16.4113, 0.3152,
0.4145


152.4626, 0.3150,
0.3678

 9.8157, 0.3146,
0.4320

189.3515, 0.3149,
0.3649

 5.2769, 0.3129,
0.4585

231.7569, 0.3148,
0.3625

 2.4106, 0.3082,
0.5024

280.0630, 0.3147,


 0.8314, 0.2725,


0.3604

0.7275


334.6544, 0.3146,
0.3585


 0.0000, 0.0000,
0.0000


 52.3835, 0.3154,
0.3854


 52.3835, 0.3154,
0.3854

 50.0475, 0.3162,
0.4168


 55.0740, 0.3142,
0.3568


 48.0446, 0.3166,
0.4502


 58.1259, 0.3128,
0.3311


 46.3616, 0.3163,
0.4843

 61.5544, 0.3114,
0.3085

 44.9816, 0.3153,
0.5172

 65.3718, 0.3098,
0.2887

 43.8860, 0.3134,
0.5468

 69.2942, 0.3114,
0.2756

■ 43.0544, 0.3108,
0.5707

■ 70.2568, 0.3152,
0.2762

■ 42.4633, 0.3076,
0.5872

■ 42.1043, 0.3048,
0.5962

Harmonies

Analogous

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



52.3835, 0.3495, 0.3916



52.3835, 0.3154, 0.3854



52.3835, 0.2819, 0.3610

Triad

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



52.3835, 0.3154, 0.3854



52.3835, 0.2535, 0.2771



52.3835, 0.3708, 0.3264

Complementary

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



52.3835, 0.3154, 0.3854



40.5033, 0.3088, 0.2766

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.



52.3835, 0.3424, 0.2996



52.3835, 0.3154, 0.3854



52.3835, 0.2747, 0.2717

Square

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



52.3835, 0.3154, 0.3854



52.3835, 0.2474, 0.2967



52.3835, 0.3069, 0.2800



52.3835, 0.3827, 0.3552

Rectangle

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



52.3835, 0.3154, 0.3854



52.3835, 0.2642, 0.3389



52.3835, 0.3069, 0.2800



52.3835, 0.3628, 0.3170

Sweetspot

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



52.3857, 0.3154, 0.3854



96.7116, 0.3136, 0.3441



53.5119, 0.3455, 0.3724



20.6267, 0.3137, 0.3458



0.0000, 0.0000, 0.0000



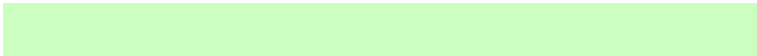
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3857, 0.3154, 0.3854



87.8206, 0.3158, 0.3991



52.1693, 0.3004, 0.3667



11.9708, 0.3140, 0.3527



26.4984, 0.3054, 0.5957



1.2818, 0.3179, 0.5857

Inverse Universe

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



40.5033, 0.3088, 0.2766



63.9053, 0.3077, 0.2650



40.8151, 0.3276, 0.2941



10.7244, 0.3112, 0.3060



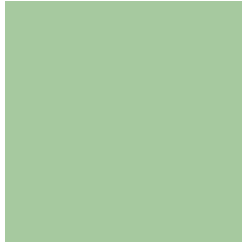
7.9028, 0.2798, 0.1315



0.3985, 0.2889, 0.1365

Previews

White Background



This preview shows how the Yxy color 52.3835, 0.3154, 0.3854 looks on a white background.

Color Contrast Check

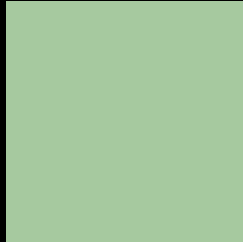
Large Text (above 18pt) WCAG AA × Fail

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 52.3835, 0.3154, 0.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

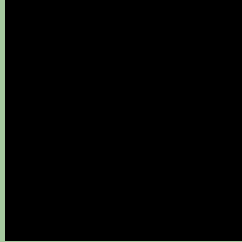
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3835, 0.3154, 0.3854

Background



This preview shows how black text looks on a background with the Yxy color 52.3835, 0.3154, 0.3854.



This preview shows how white text looks on a background with the Yxy color 52.3835, 0.3154, 0.3854.

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

52.3835, 0.3154, 0.3854

Protanopia

52.2912, 0.3520, 0.3750

Deuteranopia

52.1410, 0.3616, 0.3539



Tritanopia

52.2354, 0.2861, 0.3089

Trichromacy



Original Color

52.3835, 0.3154, 0.3854

Protanomaly

52.3777, 0.3382, 0.3789

Deuteranomaly

51.7149, 0.3432, 0.3640

Tritanomaly

52.3520, 0.2969, 0.3367

Monochromacy



Original Color

52.3835, 0.3154, 0.3854

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.9799, 0.3142, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3835, 0.3154, 0.3854 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(166, 201, 159)` looks like.

```
.text, #text, p{  
    color:rgb(166, 201, 159)  
}
```

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(166, 201, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 201, 159) }
```

Border

The CSS property to change the border of an element to Yxy 52.3835, 0.3154, 0.3854 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(166, 201, 159) }
```

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

```
.border{ border-color:rgb(166, 201, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 201, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 201, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 201, 159);  
box-shadow:4px 4px 4px 4px rgb(166, 201,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3835, 0.3154, 0.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 201, 159) }
```

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

```
.background{ background-color: rgb(166,  
201, 159) }
```

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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