

Converting Colors

Yxy(54.9284, 0.3045, 0.3848)

Have a look what the booklet for
Yxy(54.9284, 0.3045, 0.3848)
contains.

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Color

Yxy(55.1340, 0.3043, 0.3853)

Conversions

Conversions Part 1

Format	Color
Hex	9ED0A6
RGB	158, 208, 166
RGB Percent	62%, 82%, 65%
CMY	0.3802, 0.1843, 0.3491
CMYK	0.24, 0.00, 0.20, 0.18
HSL	130°, 35%, 72%
HSV	130°, 24%, 82%
XYZ	43.5434, 55.1340, 44.4163
YIQ	188.2620, -16.3180, -23.6620

Conversions

Conversions Part 2

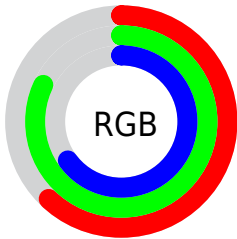
Format	Color
R _{YB}	158, 201, 208
Decimal	10408102
CIE Lab	79.12, -24.55, 15.67
CIE LCh	79, 29.121, 147.448
Yxy	55.1340, 0.3043, 0.3853
Android (android.graphics.Color)	4288598182 (0xFF9ED0A6)
YUV	188.2620, -10.9752, -26.5398
Hunter-Lab	74.2523, -25.2646, 16.5105

Details

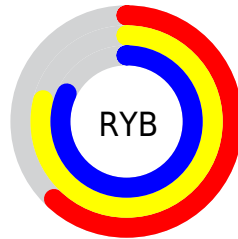
The Yxy color **55.1340, 0.3043, 0.3853** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.0481, 0.3225, 0.2786**, and the grayscale version is **50.5210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8866, 0.3061, 0.3649**, and **27.0006, 0.3009, 0.4011** is the 20% darker color. If you saturate the color by 10%, you get **52.6031, 0.3009, 0.4134**, and if you desaturate by 10%, it is **58.1138, 0.3078, 0.3599**.

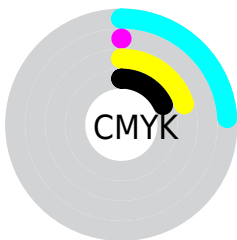
Distribution



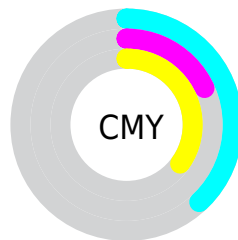
- Red (62%)
- Green (82%)
- Blue (65%)



- Red (62%)
- Yellow (79%)
- Blue (82%)



- Cyan (24%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)





- Cyan (38%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1340, 0.3043, 0.3853 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 55.1340, 0.3043, 0.3853 by changing the saturation by 10% instead.


 55.1340, 0.3043,
0.3853

 55.1340, 0.3043,
0.3853


406.4197, 0.3089,
0.3569

 39.5090, 0.3030,
0.3924


 97.7373, 0.3061,
0.3749

 27.1559, 0.3013,
0.4016


 125.4843, 0.3067,
0.3711

 17.6904, 0.2990,
0.4139


158.0409, 0.3072,
0.3678

 10.7279, 0.2954,
0.4311

195.7913, 0.3077,
0.3650

 5.8842, 0.2897,
0.4569

239.1200, 0.3080,
0.3626

 2.7748, 0.2792,
0.4994

288.4114, 0.3084,

 1.0153, 0.2612,

0.3605

0.7361

344.0498, 0.3087,
0.3586

0.0000, 0.0000,
0.0000

55.1340, 0.3043,
0.3853

55.1340, 0.3043,
0.3853

52.6031, 0.3009,
0.4134

58.1138, 0.3078,
0.3599

50.4927, 0.2979,
0.4435

61.5556, 0.3113,
0.3373

48.7819, 0.2955,
0.4749

65.4805, 0.3147,
0.3175

47.4452, 0.2938,
0.5059

69.9061, 0.3180,
0.3002

46.4539, 0.2933,
0.5348

73.4905, 0.3159,
0.2846

■ 45.7755, 0.2938,
0.5596

■ 73.5908, 0.3149,
0.2831

■ 45.3707, 0.2954,
0.5787

■ 45.2212, 0.2964,
0.5871

Harmonies

Analogous

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



55.1340, 0.3425, 0.3982



55.1340, 0.3043, 0.3853



55.1340, 0.2698, 0.3539

Triad

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



55.1340, 0.3043, 0.3853



55.1340, 0.2532, 0.2689



55.1340, 0.3826, 0.3351

Complementary

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



55.1340, 0.3043, 0.3853



42.0481, 0.3225, 0.2786

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.



55.1340, 0.3557, 0.3047



55.1340, 0.3043, 0.3853



55.1340, 0.2802, 0.2677

Square

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



55.1340, 0.3043, 0.3853



55.1340, 0.2416, 0.2857



55.1340, 0.3176, 0.2806



55.1340, 0.3892, 0.3659

Rectangle

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



55.1340, 0.3043, 0.3853



55.1340, 0.2531, 0.3287



55.1340, 0.3176, 0.2806



55.1340, 0.3755, 0.3246

Sweetspot

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



55.1363, 0.3043, 0.3853



95.8411, 0.3103, 0.3439



59.9296, 0.3426, 0.3897



20.4410, 0.3100, 0.3453



0.0000, 0.0000, 0.0000



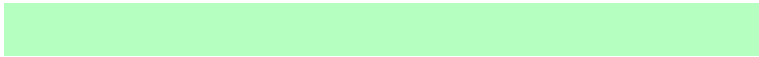
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1363, 0.3043, 0.3853



85.1919, 0.3025, 0.3999



56.1237, 0.2884, 0.3518



13.2365, 0.3094, 0.3491



28.1943, 0.2959, 0.5854



1.5863, 0.2876, 0.5552

Inverse Universe

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



42.0481, 0.3225, 0.2786



60.8132, 0.3251, 0.2672



40.9915, 0.3452, 0.3074



11.9754, 0.3162, 0.3097



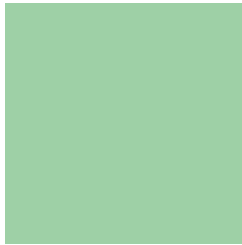
10.2963, 0.3654, 0.1786



0.5846, 0.3559, 0.1734

Previews

White Background



This preview shows how the Yxy color 55.1340, 0.3043, 0.3853 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 55.1340, 0.3043, 0.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

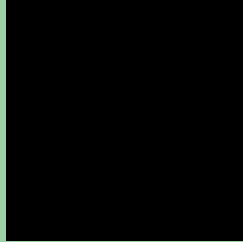
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1340, 0.3043, 0.3853

Background



This preview shows how black text looks on a background with the Yxy color 55.1340, 0.3043, 0.3853.



This preview shows how white text looks on a background with the Yxy color 55.1340, 0.3043, 0.3853.

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

55.1340, 0.3043, 0.3853

Protanopia

54.8337, 0.3497, 0.3716

Deuteranopia

54.5567, 0.3572, 0.3501



Tritanopia

54.9985, 0.2772, 0.3090

Trichromacy



Original Color

55.1340, 0.3043, 0.3853

Protanomaly

54.7360, 0.3319, 0.3772

Deuteranomaly

54.0369, 0.3358, 0.3612

Tritanomaly

55.1555, 0.2874, 0.3366

Monochromacy



Original Color

55.1340, 0.3043, 0.3853

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.6726, 0.3094, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1340, 0.3043, 0.3853 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(158, 208, 166)` looks like.

```
.text, #text, p{  
    color:rgb(158, 208, 166)  
}
```

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(158, 208, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 208, 166) }
```

Border

The CSS property to change the border of an element to Yxy 55.1340, 0.3043, 0.3853 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(158, 208, 166) }
```

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

```
.border{ border-color:rgb(158, 208, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 208, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 208, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 208, 166); box-shadow:4px 4px 4px 4px rgb(158, 208, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1340, 0.3043, 0.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 208, 166) }
```

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

```
.background{ background-color: rgb(158,  
208, 166) }
```

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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