

Converting Colors

Yxy(55.8981, 0.3085, 0.4196)

Have a look what the booklet for
Yxy(55.8981, 0.3085, 0.4196)
contains.

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Color

Yxy(55.8981, 0.3085, 0.4196)

Conversions

Conversions Part 1

Format	Color
Hex	93D593
RGB	147, 213, 147
RGB Percent	58%, 84%, 58%
CMY	0.4234, 0.1647, 0.4236
CMYK	0.31, 0.00, 0.31, 0.16
HSL	120°, 44%, 71%
HSV	120°, 31%, 84%
XYZ	41.0976, 55.8981, 36.2219
YIQ	185.7420, -18.1500, -34.5180

Conversions

Conversions Part 2

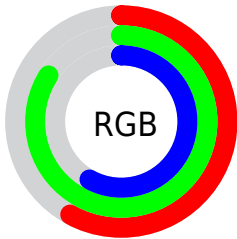
Format	Color
RYB	147, 213, 213
Decimal	9688467
CIELab	79.56, -33.79, 26.17
CIELCh	80, 42.738, 142.239
Yxy	55.8981, 0.3085, 0.4196
Android (android.graphics.Color)	4287878547 (0xFF93D593)
YUV	185.7420, -19.0998, -33.9767
Hunter-Lab	74.7650, -32.7191, 23.6109

Details

The Yxy color **55.8981, 0.3085, 0.4196** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.8065, 0.3163, 0.2525**, and the grayscale version is **49.0723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4336, 0.3112, 0.3879**, and **27.6779, 0.3055, 0.4461** is the 20% darker color. If you saturate the color by 10%, you get **53.5030, 0.3069, 0.4547**, and if you desaturate by 10%, it is **58.7858, 0.3100, 0.3869**.

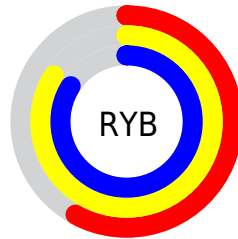
Distribution



Red (58%)

Green (84%)

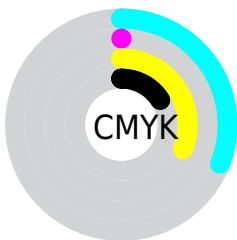
Blue (58%)



Red (58%)

Yellow (84%)

Blue (84%)

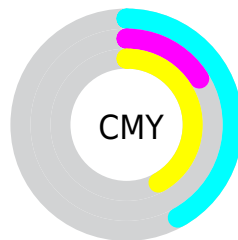


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (16%)



Cyan (42%)


Magenta (16%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8981, 0.3085, 0.4196 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 55.8981, 0.3085, 0.4196 by changing the saturation by 10% instead.


 55.8981, 0.3085,
0.4196

 55.8981, 0.3085,
0.4196

409.3074, 0.3118,
0.3734

 40.1212, 0.3073,
0.4313


 98.8556, 0.3100,
0.4027

 27.6331, 0.3055,
0.4465


 126.8050, 0.3105,
0.3963

 18.0493, 0.3027,
0.4667


159.5807, 0.3108,
0.3910

 10.9854, 0.2981,
0.4950

197.5670, 0.3111,
0.3865

 6.0570, 0.2897,
0.5370

241.1485, 0.3114,
0.3825

 2.8798, 0.2756,
0.6122

290.7095, 0.3115,

 1.0693, 0.1445,

0.3791

0.8555

346.6343, 0.3117,
0.3761

0.0000, 0.0000,
0.0000

55.8981, 0.3085,
0.4196

55.8981, 0.3085,
0.4196

53.5030, 0.3069,
0.4547

58.7858, 0.3100,
0.3869

51.5663, 0.3052,
0.4906

62.1839, 0.3114,
0.3574

50.0610, 0.3036,
0.5251

66.1178, 0.3126,
0.3314

48.9541, 0.3021,
0.5553

70.6094, 0.3137,
0.3088

48.2078, 0.3010,
0.5785

75.6792, 0.3146,
0.2893

■ 47.7771, 0.3003,
0.5932

■ 76.0675, 0.3146,
0.2881

■ 47.5886, 0.3000,
0.6000

Harmonies

Analogous

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



55.8981, 0.3632, 0.4309



55.8981, 0.3085, 0.4196



55.8981, 0.2576, 0.3753

Triad

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



55.8981, 0.3085, 0.4196



55.8981, 0.2236, 0.2455



55.8981, 0.4103, 0.3279

Complementary

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



55.8981, 0.3085, 0.4196



39.8065, 0.3163, 0.2525

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.



55.8981, 0.3661, 0.2872



55.8981, 0.3085, 0.4196



55.8981, 0.2575, 0.2413

Square

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



55.8981, 0.3085, 0.4196



55.8981, 0.2118, 0.2713



55.8981, 0.3089, 0.2565



55.8981, 0.4250, 0.3717

Rectangle

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



55.8981, 0.3085, 0.4196



55.8981, 0.2323, 0.3369



55.8981, 0.3089, 0.2565



55.8981, 0.3982, 0.3136

Sweetspot

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



55.9005, 0.3085, 0.4196



94.5161, 0.3116, 0.3522



63.2880, 0.3596, 0.4047



20.0542, 0.3115, 0.3562



0.0000, 0.0000, 0.0000



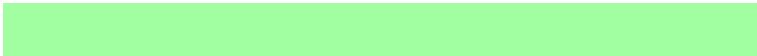
21.4041, 0.3127, 0.3290

Same Dimension

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



55.9005, 0.3085, 0.4196



81.6290, 0.3075, 0.4418



57.0400, 0.2886, 0.3746



13.8964, 0.3116, 0.3531



29.0700, 0.3000, 0.6000



1.7535, 0.3001, 0.5999

Inverse Universe

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



39.8065, 0.3163, 0.2525



53.8340, 0.3170, 0.2372



38.3500, 0.3467, 0.2877



12.6322, 0.3138, 0.3060



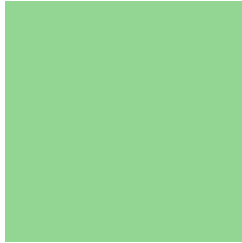
11.5611, 0.3207, 0.1541



0.6975, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 55.8981, 0.3085, 0.4196 looks on a white background.

Color Contrast Check

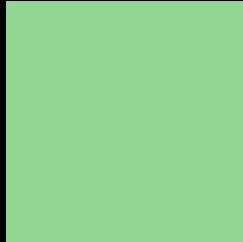
Large Text (above 18pt) WCAG AA × Fail

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 55.8981, 0.3085, 0.4196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

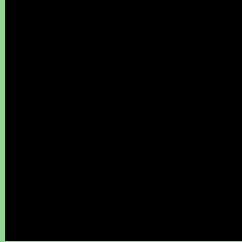
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8981, 0.3085, 0.4196

Background



This preview shows how black text looks on a background with the Yxy color 55.8981, 0.3085, 0.4196.

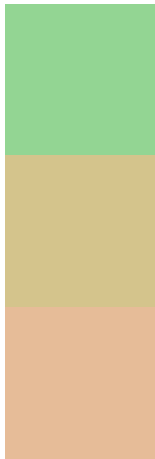


This preview shows how white text looks on a background with the Yxy color 55.8981, 0.3085, 0.4196.

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

55.8981, 0.3085, 0.4196

Protanopia

55.3704, 0.3693, 0.3961

Deuteranopia

55.0564, 0.3785, 0.3702



Tritanopia

55.8266, 0.2712, 0.3089

Trichromacy



Original Color

55.8981, 0.3085, 0.4196



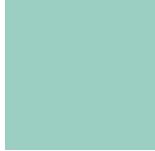
Protanomaly

54.9156, 0.3446, 0.4042



Deuteranomaly

54.4139, 0.3509, 0.3874



Tritanomaly

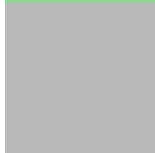
55.4445, 0.2847, 0.3473

Monochromacy



Original Color

55.8981, 0.3085, 0.4196



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

51.2291, 0.3112, 0.3607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8981, 0.3085, 0.4196 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(147, 213, 147)` looks like.

```
.text, #text, p{  
  color:rgb(147, 213, 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(147, 213, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 213, 147) }
```

Border

The CSS property to change the border of an element to Yxy 55.8981, 0.3085, 0.4196 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(147, 213, 147) }
```

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

```
.border{ border-color:rgb(147, 213, 147) }
```

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

Here you see how a box with a 4 pixel rgb(147, 213, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 213, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 213, 147);  
box-shadow:4px 4px 4px 4px rgb(147, 213,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8981, 0.3085, 0.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 213, 147) }
```

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

```
.background{ background-color: rgb(147,  
213, 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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