

Converting Colors

$Yxy(55.5852, 0.3055, 0.3548)$

Have a look what the booklet for
Yxy(55.5852, 0.3055, 0.3548)
contains.

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Color

Yxy(55.7186, 0.3054, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	AFCCB7
RGB	175, 204, 183
RGB Percent	69%, 80%, 72%
CMY	0.3138, 0.1999, 0.2824
CMYK	0.14, 0.00, 0.10, 0.20
HSL	137°, 22%, 74%
HSV	137°, 14%, 80%
XYZ	47.8125, 55.7186, 53.0258
YIQ	192.9350, -10.5430, -12.6790

Conversions

Conversions Part 2

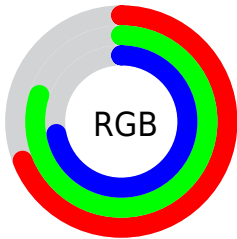
Format	Color
RYB	175, 198, 204
Decimal	11521207
CIELab	79.45, -13.78, 7.22
CIELCh	79, 15.562, 152.346
Yxy	55.7186, 0.3054, 0.3559
Android (android.graphics.Color)	4289711287 (0xFFAFCCB7)
YUV	192.9350, -4.8980, -15.7290
Hunter-Lab	74.6449, -16.2935, 10.1333

Details

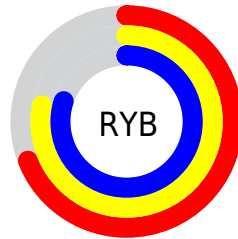
The Yxy color **55.7186, 0.3054, 0.3559** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.4723, 0.3209, 0.3035**, and the grayscale version is **53.3197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7409, 0.3070, 0.3451**, and **27.5620, 0.3031, 0.3638** is the 20% darker color. If you saturate the color by 10%, you get **52.9533, 0.3004, 0.3776**, and if you desaturate by 10%, it is **58.9097, 0.3105, 0.3365**.

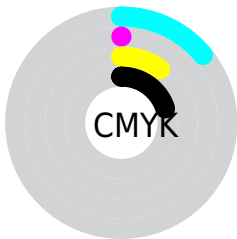
Distribution



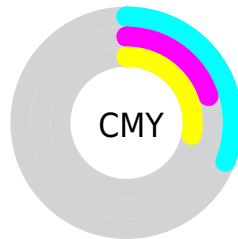
- Red (69%)
- Green (80%)
- Blue (72%)



- Red (69%)
- Yellow (78%)
- Blue (80%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)





- Cyan (31%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7186, 0.3054, 0.3559 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 55.7186, 0.3054, 0.3559 by changing the saturation by 10% instead.


 55.7186, 0.3054,
0.3559

 55.7186, 0.3054,
0.3559


408.6302, 0.3091,
0.3426

 39.9774, 0.3045,
0.3592

 98.5930, 0.3067,
0.3511

 27.5209, 0.3033,
0.3634


126.4950, 0.3072,
0.3493

 17.9648, 0.3017,
0.3689


159.2193, 0.3077,
0.3478

 10.9247, 0.2995,
0.3766

197.1504, 0.3080,
0.3464

 6.0162, 0.2962,
0.3879

240.6726, 0.3083,
0.3453

 2.8550, 0.2907,
0.4061

290.1704, 0.3086,

 1.0565, 0.2802,

0.3443

0.4497

346.0281, 0.3089,
0.3434

0.0000, 0.0000,
0.0000

55.7186, 0.3054,
0.3559

55.7186, 0.3054,
0.3559

52.9533, 0.3004,
0.3776

58.9097, 0.3105,
0.3365

50.5890, 0.2957,
0.4016

62.5365, 0.3156,
0.3194

48.6086, 0.2915,
0.4276

66.6172, 0.3206,
0.3044

46.9913, 0.2883,
0.4549

70.8671, 0.3242,
0.2913

45.7144, 0.2862,
0.4826

71.6724, 0.3151,
0.2792

■ 44.7521, 0.2856,
0.5096

■ 44.0752, 0.2865,
0.5344

■ 43.6484, 0.2889,
0.5557

■ 43.4810, 0.2906,
0.5662

Harmonies

Analogous

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



55.7186, 0.3260, 0.3647



55.7186, 0.3054, 0.3559



55.7186, 0.2872, 0.3392

Triad

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



55.7186, 0.3054, 0.3559



55.7186, 0.2823, 0.2956



55.7186, 0.3509, 0.3360

Complementary

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



55.7186, 0.3054, 0.3559



47.4723, 0.3209, 0.3035

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.



55.7186, 0.3385, 0.3186



55.7186, 0.3054, 0.3559



55.7186, 0.2986, 0.2958

Square

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



55.7186, 0.3054, 0.3559



55.7186, 0.2742, 0.3042



55.7186, 0.3191, 0.3042



55.7186, 0.3527, 0.3522

Rectangle

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



55.7186, 0.3054, 0.3559



55.7186, 0.2787, 0.3263



55.7186, 0.3191, 0.3042



55.7186, 0.3479, 0.3301

Sweetspot

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



55.7210, 0.3054, 0.3559



97.6500, 0.3106, 0.3362



58.0581, 0.3276, 0.3646



20.8094, 0.3102, 0.3376



0.0000, 0.0000, 0.0000



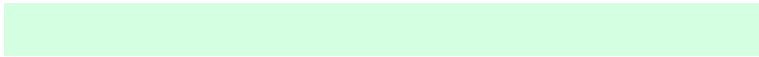
21.4041, 0.3127, 0.3290

Same Dimension

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



55.7210, 0.3054, 0.3559



90.8261, 0.3039, 0.3621



56.3447, 0.2957, 0.3375



12.5870, 0.3079, 0.3462



27.3769, 0.2899, 0.5638



1.4254, 0.2787, 0.5235

Inverse Universe

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



47.4723, 0.3209, 0.3035



74.6453, 0.3229, 0.2980



46.8538, 0.3330, 0.3207



11.3489, 0.3179, 0.3124



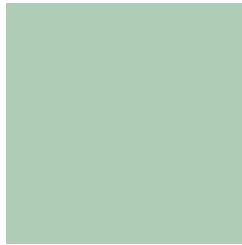
9.4360, 0.4049, 0.2004



0.4992, 0.3849, 0.1894

Previews

White Background



This preview shows how the Yxy color 55.7186, 0.3054, 0.3559 looks on a white background.

Color Contrast Check

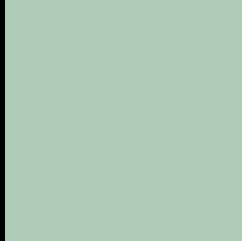
Large Text (above 18pt) WCAG AA × Fail

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 55.7186, 0.3054, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

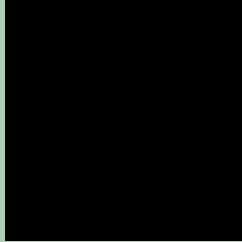
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

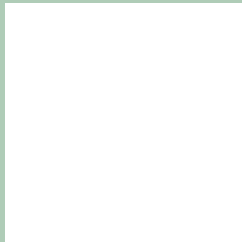
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7186, 0.3054, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 55.7186, 0.3054, 0.3559.



This preview shows how white text looks on a background with the Yxy color 55.7186, 0.3054, 0.3559.

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

55.7186, 0.3054, 0.3559

Protanopia

55.5719, 0.3321, 0.3496

Deuteranopia

55.4322, 0.3401, 0.3337



Tritanopia

55.4564, 0.2874, 0.3094

Trichromacy



Original Color

55.7186, 0.3054, 0.3559

Protanomaly

55.4796, 0.3219, 0.3526

Deuteranomaly

55.2295, 0.3267, 0.3411

Tritanomaly

55.5501, 0.2940, 0.3265

Monochromacy



Original Color

55.7186, 0.3054, 0.3559

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.0457, 0.3099, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7186, 0.3054, 0.3559 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(175, 204, 183)` looks like.

```
.text, #text, p{  
    color:rgb(175, 204, 183)  
}
```

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(175, 204, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 204, 183) }
```

Border

The CSS property to change the border of an element to Yxy 55.7186, 0.3054, 0.3559 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(175, 204, 183) }
```

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

```
.border{ border-color:rgb(175, 204, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 204, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 204, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 204, 183);  
box-shadow:4px 4px 4px 4px rgb(175, 204,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7186, 0.3054, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 204, 183) }
```

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

```
.background{ background-color: rgb(175,  
204, 183) }
```

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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