

Converting Colors

$Yxy(54.9775, 0.3107, 0.3400)$

Have a look what the booklet for
Yxy(54.9775, 0.3107, 0.3400)
contains.

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Color

Yxy(55.2559, 0.3106, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	BCC7BE
RGB	188, 199, 190
RGB Percent	74%, 78%, 75%
CMY	0.2629, 0.2195, 0.2549
CMYK	0.06, 0.00, 0.05, 0.22
HSL	131°, 9%, 76%
HSV	131°, 6%, 78%
XYZ	50.4482, 55.2559, 56.7177
YIQ	194.6850, -3.6670, -5.1310

Conversions

Conversions Part 2

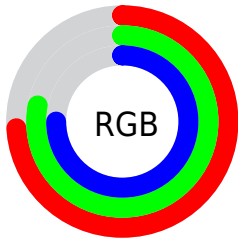
Format	Color
RYB	188, 197, 199
Decimal	12371902
CIELab	79.19, -5.47, 3.20
CIELCh	79, 6.331, 149.683
Yxy	55.2559, 0.3106, 0.3402
Android (android.graphics.Color)	4290561982 (0xFFBCC7BE)
YUV	194.6850, -2.3097, -5.8627
Hunter-Lab	74.3343, -8.9431, 6.7953

Details

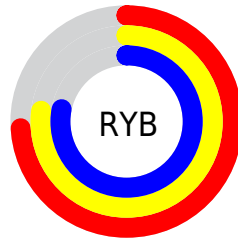
The Yxy color `55.2559, 0.3106, 0.3402` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `52.1234, 0.3149, 0.3181`, and the grayscale version is `54.3890, 0.3127, 0.3290`.

A 20% lighter version of the original color is `97.4069, 0.3111, 0.3378`, and `27.2078, 0.3100, 0.3424` is the 20% darker color. If you saturate the color by 10%, you get `52.2323, 0.3067, 0.3625`, and if you desaturate by 10%, it is `58.7118, 0.3144, 0.3206`.

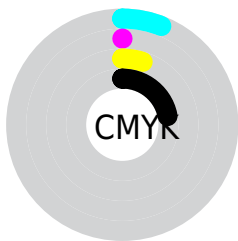
Distribution



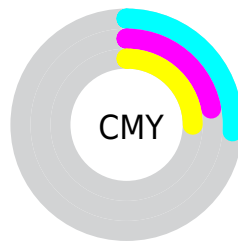
- Red (74%)
- Green (78%)
- Blue (75%)



- Red (74%)
- Yellow (77%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)





- Cyan (26%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2559, 0.3106, 0.3402 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 55.2559, 0.3106, 0.3402 by changing the saturation by 10% instead.


 55.2559, 0.3106,
0.3402

 55.2559, 0.3106,
0.3402

406.8812, 0.3117,
0.3347

 39.6066, 0.3103,
0.3415


 97.9158, 0.3110,
0.3382

 27.2320, 0.3100,
0.3432


125.6952, 0.3111,
0.3375

 17.7475, 0.3096,
0.3455


158.2868, 0.3112,
0.3369

 10.7689, 0.3090,
0.3485

196.0750, 0.3114,
0.3363

 5.9116, 0.3080,
0.3530

239.4441, 0.3114,
0.3358

 2.7914, 0.3066,
0.3601

288.7786, 0.3115,

 1.0238, 0.3040,

0.3354

0.3735

344.4628, 0.3116,
0.3351

0.0000, 0.0000,
0.0000

55.2559, 0.3106,
0.3402

55.2559, 0.3106,
0.3402

52.2323, 0.3067,
0.3625

58.7118, 0.3144,
0.3206

49.6172, 0.3029,
0.3874

62.6089, 0.3180,
0.3035

47.3951, 0.2993,
0.4148

66.9644, 0.3214,
0.2887

45.5468, 0.2961,
0.4443

69.3311, 0.3153,
0.2743

44.0514, 0.2937,
0.4748

69.3347, 0.3153,
0.2742

■ 42.8862, 0.2921,
0.5050

■ 42.0254, 0.2917,
0.5332

■ 41.4395, 0.2926,
0.5575

■ 41.0926, 0.2945,
0.5765

Harmonies

Analogous

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



55.2559, 0.3190, 0.3434



55.2559, 0.3106, 0.3402



55.2559, 0.3029, 0.3339

Triad

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



55.2559, 0.3106, 0.3402



55.2559, 0.2998, 0.3155



55.2559, 0.3279, 0.3315

Complementary

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



55.2559, 0.3106, 0.3402



52.1234, 0.3149, 0.3181

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.



55.2559, 0.3226, 0.3242



55.2559, 0.3106, 0.3402



55.2559, 0.3063, 0.3150

Square

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



55.2559, 0.3106, 0.3402



55.2559, 0.2967, 0.3195



55.2559, 0.3147, 0.3182



55.2559, 0.3291, 0.3382

Rectangle

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



55.2559, 0.3106, 0.3402



55.2559, 0.2991, 0.3288



55.2559, 0.3147, 0.3182



55.2559, 0.3265, 0.3290

Sweetspot

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



55.2583, 0.3106, 0.3402



98.7804, 0.3119, 0.3330



56.3527, 0.3192, 0.3425



21.1558, 0.3120, 0.3328



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.



55.2583, 0.3106, 0.3402



95.8676, 0.3100, 0.3435



55.5043, 0.3066, 0.3333



12.0481, 0.3099, 0.3443



26.3595, 0.2948, 0.5813



1.2581, 0.2844, 0.5440

Inverse Universe

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



52.1234, 0.3149, 0.3181



88.9254, 0.3155, 0.3150



51.8749, 0.3192, 0.3247



11.1265, 0.3157, 0.3141



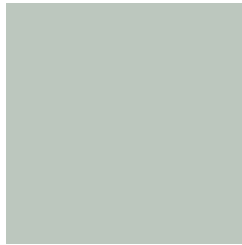
9.5053, 0.3732, 0.1830



0.4590, 0.3604, 0.1759

Previews

White Background



This preview shows how the Yxy color 55.2559, 0.3106, 0.3402 looks on a white background.

Color Contrast Check

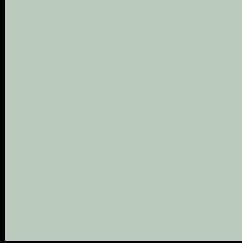
Large Text (above 18pt) WCAG AA × Fail

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 55.2559, 0.3106, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

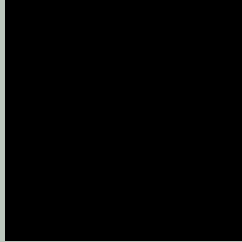
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

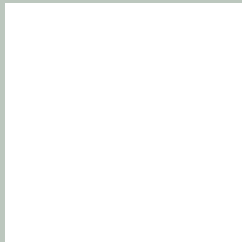
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2559, 0.3106, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 55.2559, 0.3106, 0.3402.



This preview shows how white text looks on a background with the Yxy color 55.2559, 0.3106, 0.3402.

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

55.2559, 0.3106, 0.3402

Protanopia

55.0786, 0.3228, 0.3375

Deuteranopia

55.2316, 0.3327, 0.3267



Tritanopia

55.2594, 0.2981, 0.3109

Trichromacy



Original Color

55.2559, 0.3106, 0.3402

Protanomaly

54.8897, 0.3179, 0.3376

Deuteranomaly

55.0233, 0.3248, 0.3314

Tritanomaly

55.1915, 0.3029, 0.3217

Monochromacy



Original Color

55.2559, 0.3106, 0.3402

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5366, 0.3117, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2559, 0.3106, 0.3402 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(188, 199, 190)` looks like.

```
.text, #text, p{  
    color:rgb(188, 199, 190)  
}
```

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(188, 199, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 199, 190) }
```

Border

The CSS property to change the border of an element to Yxy 55.2559, 0.3106, 0.3402 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(188, 199, 190) }
```

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

```
.border{ border-color:rgb(188, 199, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 199, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 199, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 199, 190);  
box-shadow:4px 4px 4px 4px rgb(188, 199,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2559, 0.3106, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 199, 190) }
```

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

```
.background{ background-color: rgb(188,  
199, 190) }
```

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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