

Converting Colors

Yxy(54.9818, 0.3131, 0.3545)

Have a look what the booklet for
Yxy(54.9818, 0.3131, 0.3545)
contains.

Yxy(55.1768, 0.3131, 0.3543)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.1768, 0.3131, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	B7C9B5
RGB	183, 201, 181
RGB Percent	72%, 79%, 71%
CMY	0.2822, 0.2118, 0.2902
CMYK	0.09, 0.00, 0.10, 0.21
HSL	114°, 16%, 75%
HSV	114°, 10%, 79%
XYZ	48.7605, 55.1768, 51.7974
YIQ	193.3380, -4.3080, -10.0360

Conversions

Conversions Part 2

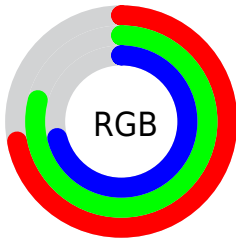
Format	Color
RYB	181, 201, 199
Decimal	12044725
CIELab	79.14, -9.83, 7.91
CIELCh	79, 12.623, 141.183
Yxy	55.1768, 0.3131, 0.3543
Android (android.graphics.Color)	4290234805 (0xFFB7C9B5)
YUV	193.3380, -6.0826, -9.0664
Hunter-Lab	74.2811, -12.8187, 10.6529

Details

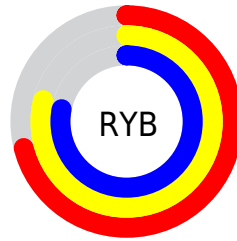
The Yxy color **55.1768, 0.3131, 0.3543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4045, 0.3122, 0.3047**, and the grayscale version is **53.5798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9851, 0.3131, 0.3469**, and **27.1718, 0.3133, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **52.3374, 0.3133, 0.3829**, and if you desaturate by 10%, it is **58.4243, 0.3127, 0.3289**.

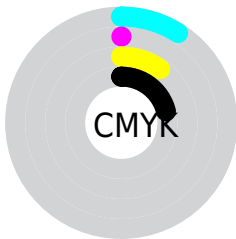
Distribution



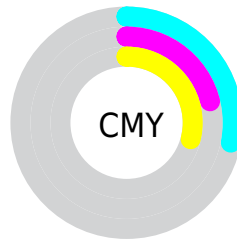
- Red (72%)
- Green (79%)
- Blue (71%)



- Red (71%)
- Yellow (79%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)



- Cyan (28%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1768, 0.3131, 0.3543 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 55.1768, 0.3131, 0.3543 by changing the saturation by 10% instead.

■ 55.1768, 0.3131,
0.3543

■ 55.1768, 0.3131,
0.3543

406.5818, 0.3130,
0.3418

■ 39.5433, 0.3131,
0.3574

■ 97.7999, 0.3131,
0.3498

■ 27.1826, 0.3131,
0.3613

125.5584, 0.3131,
0.3481

■ 17.7104, 0.3130,
0.3665

158.1272, 0.3131,
0.3466

■ 10.7423, 0.3129,
0.3737

195.8909, 0.3131,
0.3454

■ 5.8938, 0.3125,
0.3842

239.2338, 0.3130,
0.3443

■ 2.7806, 0.3118,
0.4012

288.5403, 0.3130,

■ 1.0183, 0.3154,

0.3434

0.4448

344.1948, 0.3130,
0.3426

0.0000, 0.0000,
0.0000

55.1768, 0.3131,
0.3543

55.1768, 0.3131,
0.3543

52.3374, 0.3133,
0.3829

58.4243, 0.3127,
0.3289

49.8831, 0.3132,
0.4145

62.0878, 0.3122,
0.3066

47.7996, 0.3128,
0.4484

66.1837, 0.3116,
0.2872

46.0686, 0.3119,
0.4832

70.2521, 0.3152,
0.2762

44.6706, 0.3106,
0.5170

■ 43.5841, 0.3088,
0.5474

■ 42.7849, 0.3066,
0.5719

■ 42.2452, 0.3043,
0.5888

■ 41.9258, 0.3022,
0.5982

Harmonies

Analogous

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



55.1768, 0.3294, 0.3584



55.1768, 0.3131, 0.3543



55.1768, 0.2970, 0.3428

Triad

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



55.1768, 0.3131, 0.3543



55.1768, 0.2845, 0.3036



55.1768, 0.3409, 0.3295

Complementary

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



55.1768, 0.3131, 0.3543



49.4045, 0.3122, 0.3047

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.



55.1768, 0.3283, 0.3157



55.1768, 0.3131, 0.3543



55.1768, 0.2957, 0.3009

Square

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



55.1768, 0.3131, 0.3543



55.1768, 0.2808, 0.3132



55.1768, 0.3116, 0.3054



55.1768, 0.3458, 0.3435

Rectangle

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



55.1768, 0.3131, 0.3543



55.1768, 0.2885, 0.3328



55.1768, 0.3116, 0.3054



55.1768, 0.3374, 0.3247

Sweetspot

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



55.1792, 0.3131, 0.3543



98.2363, 0.3128, 0.3364



56.4462, 0.3277, 0.3505



20.9281, 0.3129, 0.3384



0.0000, 0.0000, 0.0000



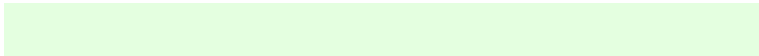
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1792, 0.3131, 0.3543



93.3357, 0.3132, 0.3604



55.2560, 0.3061, 0.3445



11.9384, 0.3131, 0.3528



26.3803, 0.3027, 0.5979



1.2670, 0.3112, 0.5911

Inverse Universe

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



49.4045, 0.3122, 0.3047



81.4236, 0.3120, 0.2991



49.3315, 0.3200, 0.3140



10.7600, 0.3122, 0.3061



8.8244, 0.2958, 0.1403



0.4340, 0.3013, 0.1434

Previews

White Background



This preview shows how the Yxy color 55.1768, 0.3131, 0.3543 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 55.1768, 0.3131, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

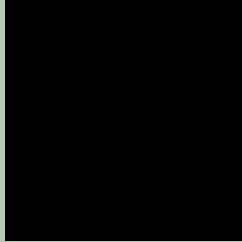
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

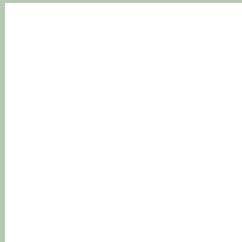
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1768, 0.3131, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 55.1768, 0.3131, 0.3543.



This preview shows how white text looks on a background with the Yxy color 55.1768, 0.3131, 0.3543.

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

55.1768, 0.3131, 0.3543

Protanopia

54.9411, 0.3322, 0.3497

Deuteranopia

54.8742, 0.3427, 0.3361



Tritanopia

54.9247, 0.2951, 0.3096

Trichromacy



Original Color

55.1768, 0.3131, 0.3543

Protanomaly

54.9229, 0.3253, 0.3513

Deuteranomaly

54.6391, 0.3318, 0.3423

Tritanomaly

55.0443, 0.3013, 0.3253

Monochromacy



Original Color

55.1768, 0.3131, 0.3543

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.9728, 0.3123, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1768, 0.3131, 0.3543 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(183, 201, 181)` looks like.

```
.text, #text, p{  
    color:rgb(183, 201, 181)  
}
```

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(183, 201, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 201, 181) }
```

Border

The CSS property to change the border of an element to Yxy 55.1768, 0.3131, 0.3543 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(183, 201, 181) }
```

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

```
.border{ border-color:rgb(183, 201, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 201, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 201, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 201, 181); box-shadow:4px 4px 4px 4px rgb(183, 201, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1768, 0.3131, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 201, 181) }
```

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

```
.background{ background-color: rgb(183,  
201, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor