

Converting Colors

$Yxy(55.4820, 0.3163, 0.3574)$

Have a look what the booklet for
Yxy(55.4820, 0.3163, 0.3574)
contains.

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Color

Yxy(55.3422, 0.3161, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	B9C9B3
RGB	185, 201, 179
RGB Percent	73%, 79%, 70%
CMY	0.2745, 0.2117, 0.2981
CMYK	0.08, 0.00, 0.11, 0.21
HSL	104°, 17%, 75%
HSV	104°, 11%, 79%
XYZ	49.0293, 55.3422, 50.7355
YIQ	193.7080, -2.4740, -10.2340

Conversions

Conversions Part 2

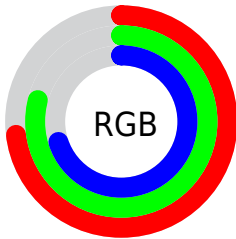
Format	Color
RYB	179, 201, 195
Decimal	12175795
CIELab	79.24, -9.51, 9.15
CIELCh	79, 13.197, 136.105
Yxy	55.3422, 0.3161, 0.3568
Android (android.graphics.Color)	4290365875 (0xFFB9C9B3)
YUV	193.7080, -7.2510, -7.6369
Hunter-Lab	74.3923, -12.5436, 11.6389

Details

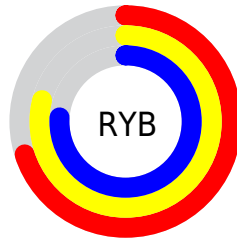
The Yxy color **55.3422, 0.3161, 0.3568** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0508, 0.3089, 0.3019**, and the grayscale version is **53.8124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2189, 0.3155, 0.3488**, and **27.2793, 0.3173, 0.3649** is the 20% darker color. If you saturate the color by 10%, you get **52.8653, 0.3190, 0.3850**, and if you desaturate by 10%, it is **58.1291, 0.3130, 0.3313**.

Distribution



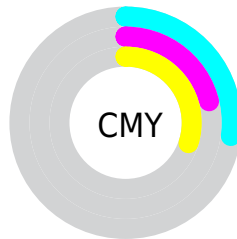
- Red (73%)
- Green (79%)
- Blue (70%)



- Red (70%)
- Yellow (79%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)





- Cyan (27%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3422, 0.3161, 0.3568 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 55.3422, 0.3161, 0.3568 by changing the saturation by 10% instead.

 55.3422, 0.3161,
0.3568

 55.3422, 0.3161,
0.3568


407.2078, 0.3146,
0.3431

 39.6758, 0.3164,
0.3602


 98.0422, 0.3156,
0.3518

 27.2858, 0.3168,
0.3645


125.8445, 0.3154,
0.3500

 17.7880, 0.3173,
0.3702


158.4608, 0.3152,
0.3484

 10.7979, 0.3180,
0.3780

196.2757, 0.3150,
0.3470

 5.9311, 0.3187,
0.3896

239.6734, 0.3149,
0.3458

 2.8032, 0.3195,
0.4081

289.0384, 0.3148,

 1.0299, 0.3298,

0.3448

0.4590

344.7551, 0.3147,
0.3439

0.0000, 0.0000,
0.0000

55.3422, 0.3161,
0.3568

55.3422, 0.3161,
0.3568

52.8653, 0.3190,
0.3850

58.1291, 0.3130,
0.3313

50.6805, 0.3215,
0.4156

61.2289, 0.3099,
0.3085

48.7789, 0.3233,
0.4479

64.6539, 0.3068,
0.2884

47.1483, 0.3243,
0.4807

68.1275, 0.3067,
0.2748

45.7756, 0.3241,
0.5124

70.2562, 0.3152,
0.2762

■ 44.6466, 0.3226,
0.5409

■ 43.7456, 0.3197,
0.5643

■ 43.0546, 0.3157,
0.5810

■ 42.5866, 0.3116,
0.5908

Harmonies

Analogous

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



55.3422, 0.3327, 0.3596



55.3422, 0.3161, 0.3568



55.3422, 0.2989, 0.3459

Triad

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



55.3422, 0.3161, 0.3568



55.3422, 0.2820, 0.3037



55.3422, 0.3404, 0.3269

Complementary

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



55.3422, 0.3161, 0.3568



48.0508, 0.3089, 0.3019

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.



55.3422, 0.3262, 0.3130



55.3422, 0.3161, 0.3568



55.3422, 0.2925, 0.2997

Square

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



55.3422, 0.3161, 0.3568



55.3422, 0.2796, 0.3147



55.3422, 0.3086, 0.3031



55.3422, 0.3471, 0.3418

Rectangle

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



55.3422, 0.3161, 0.3568



55.3422, 0.2894, 0.3357



55.3422, 0.3086, 0.3031



55.3422, 0.3363, 0.3220

Sweetspot

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



55.3446, 0.3161, 0.3568



98.4779, 0.3137, 0.3364



54.5978, 0.3298, 0.3483



20.9930, 0.3139, 0.3384



0.0000, 0.0000, 0.0000



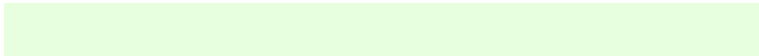
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3446, 0.3161, 0.3568



93.7598, 0.3168, 0.3629



54.8081, 0.3080, 0.3510



12.0258, 0.3156, 0.3526



26.8144, 0.3124, 0.5901



1.3066, 0.3287, 0.5772

Inverse Universe

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



48.0508, 0.3089, 0.3019



78.9649, 0.3080, 0.2962



48.6476, 0.3178, 0.3080



10.6653, 0.3095, 0.3059



6.5451, 0.2533, 0.1169



0.3444, 0.2680, 0.1250

Previews

White Background



This preview shows how the Yxy color 55.3422, 0.3161, 0.3568 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 55.3422, 0.3161, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

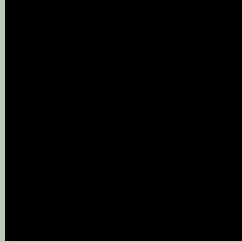
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

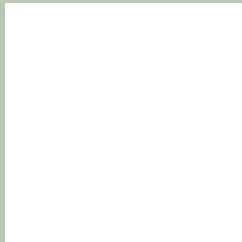
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3422, 0.3161, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 55.3422, 0.3161, 0.3568.



This preview shows how white text looks on a background with the Yxy color 55.3422, 0.3161, 0.3568.

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

55.3422, 0.3161, 0.3568

Protanopia

55.0022, 0.3345, 0.3521

Deuteranopia

54.9470, 0.3452, 0.3384



Tritanopia

55.1805, 0.2966, 0.3097

Trichromacy



Original Color

55.3422, 0.3161, 0.3568

Protanomaly

54.9771, 0.3277, 0.3537

Deuteranomaly

54.7006, 0.3343, 0.3447

Tritanomaly

55.2497, 0.3035, 0.3265

Monochromacy



Original Color

55.3422, 0.3161, 0.3568

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.6830, 0.3138, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3422, 0.3161, 0.3568 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(185, 201, 179)` looks like.

```
.text, #text, p{  
    color:rgb(185, 201, 179)  
}
```

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(185, 201, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 201, 179) }
```

Border

The CSS property to change the border of an element to Yxy 55.3422, 0.3161, 0.3568 is called "border". The border property can be set on classes, ids or directly on the HTML element.

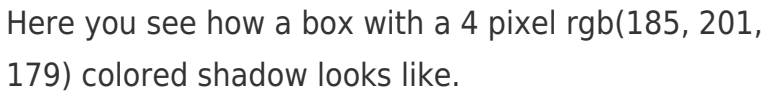
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 201, 179) }
```

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

```
.border{ border-color:rgb(185, 201, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 201, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 201, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 201, 179); box-shadow:4px 4px 4px 4px rgb(185, 201, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3422, 0.3161, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 201, 179) }
```

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

```
.background{ background-color: rgb(185,  
201, 179) }
```

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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