

Converting Colors

$Yxy(55.3514, 0.3167, 0.3437)$

Have a look what the booklet for
Yxy(55.3514, 0.3167, 0.3437)
contains.

Yxy(55.1398, 0.3168, 0.3439)	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(55.1398, 0.3168, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	C0C6BA
RGB	192, 198, 186
RGB Percent	75%, 78%, 73%
CMY	0.2470, 0.2235, 0.2707
CMYK	0.03, 0.00, 0.06, 0.22
HSL	90°, 10%, 75%
HSV	90°, 6%, 78%
XYZ	50.7947, 55.1398, 54.4023
YIQ	194.8380, 0.2760, -5.0040

Conversions

Conversions Part 2

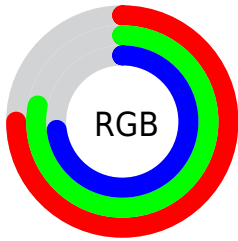
Format	Color
RYB	186, 198, 192
Decimal	12633786
CIELab	79.12, -4.25, 5.30
CIELCh	79, 6.796, 128.740
Yxy	55.1398, 0.3168, 0.3439
Android (android.graphics.Color)	4290823866 (0xFFC0C6BA)
YUV	194.8380, -4.3571, -2.4889
Hunter-Lab	74.2562, -7.8460, 8.5417

Details

The Yxy color **55.1398, 0.3168, 0.3439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3836, 0.3084, 0.3141**, and the grayscale version is **54.4992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8873, 0.3159, 0.3416**, and **27.1289, 0.3182, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **53.1136, 0.3235, 0.3701**, and if you desaturate by 10%, it is **57.3737, 0.3101, 0.3198**.

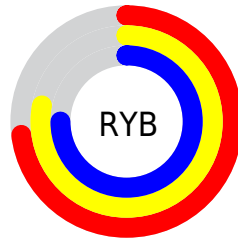
Distribution



Red (75%)

Green (78%)

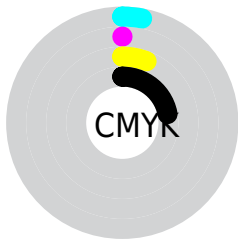
Blue (73%)



Red (73%)

Yellow (78%)

Blue (75%)

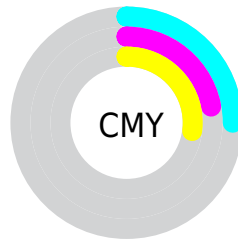


Cyan (3%)

Magenta (0%)

Yellow (6%)

Black (22%)



Cyan (25%)

Magenta (22%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1398, 0.3168, 0.3439 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 55.1398, 0.3168, 0.3439 by changing the saturation by 10% instead.

■ 55.1398, 0.3168,
0.3439

■ 55.1398, 0.3168,
0.3439

406.4416, 0.3148,
0.3366

■ 39.5137, 0.3173,
0.3457

■ 97.7458, 0.3161,
0.3413

■ 27.1596, 0.3178,
0.3479

125.4944, 0.3158,
0.3403

■ 17.6931, 0.3186,
0.3509

158.0526, 0.3156,
0.3394

■ 10.7299, 0.3196,
0.3550

195.8048, 0.3154,
0.3387

■ 5.8855, 0.3210,
0.3609

239.1354, 0.3152,
0.3381

■ 2.7756, 0.3232,
0.3704

288.4288, 0.3151,

■ 1.0157, 0.3292,

0.3375

0.3906

344.0694, 0.3150,
0.3370

0.0000, 0.0000,
0.0000

55.1398, 0.3168,
0.3439

55.1398, 0.3168,
0.3439

53.1136, 0.3235,
0.3701

57.3737, 0.3101,
0.3198

51.2814, 0.3300,
0.3982

59.8142, 0.3036,
0.2980

49.6388, 0.3359,
0.4276

62.4696, 0.2973,
0.2784

48.1786, 0.3408,
0.4574

64.6729, 0.2981,
0.2702

46.8929, 0.3443,
0.4864

66.3638, 0.3052,
0.2715

■ 45.7732, 0.3461,
0.5132

■ 68.1487, 0.3125,
0.2727

■ 44.8101, 0.3457,
0.5363

■ 68.8702, 0.3153,
0.2732

■ 43.9928, 0.3432,
0.5544

■ 43.3083, 0.3386,
0.5669

Harmonies

Analogous

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



55.1398, 0.3249, 0.3444



55.1398, 0.3168, 0.3439



55.1398, 0.3077, 0.3393

Triad

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



55.1398, 0.3168, 0.3439



55.1398, 0.2960, 0.3171



55.1398, 0.3255, 0.3261

Complementary

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



55.1398, 0.3168, 0.3439



50.3836, 0.3084, 0.3141

Split Complementary

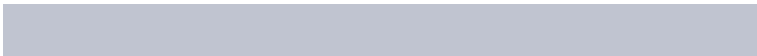
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.1398, 0.3176, 0.3191



55.1398, 0.3168, 0.3439



55.1398, 0.3006, 0.3139

Square

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



55.1398, 0.3168, 0.3439



55.1398, 0.2958, 0.3236



55.1398, 0.3085, 0.3146



55.1398, 0.3299, 0.3340

Rectangle

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



55.1398, 0.3168, 0.3439



55.1398, 0.3024, 0.3345



55.1398, 0.3085, 0.3146



55.1398, 0.3231, 0.3236

Sweetspot

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



55.1422, 0.3168, 0.3439



99.1975, 0.3141, 0.3339



53.1557, 0.3222, 0.3362



21.2408, 0.3140, 0.3336



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.



55.1422, 0.3168, 0.3439



97.2566, 0.3175, 0.3465



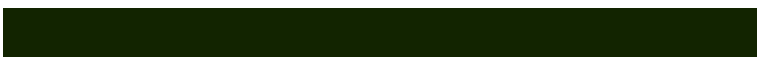
54.3944, 0.3122, 0.3441



12.2323, 0.3178, 0.3475



28.0572, 0.3375, 0.5702



1.3716, 0.3536, 0.5575

Inverse Universe

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



50.3836, 0.3084, 0.3141



87.4747, 0.3077, 0.3115



51.1614, 0.3132, 0.3143



10.9337, 0.3074, 0.3105



4.4118, 0.2028, 0.0891



0.2520, 0.2259, 0.1018

Previews

White Background



This preview shows how the Yxy color 55.1398, 0.3168, 0.3439 looks on a white background.

Color Contrast Check

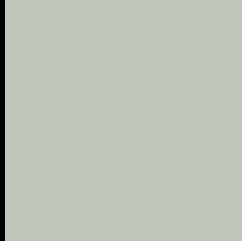
Large Text (above 18pt) WCAG AA × Fail

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 55.1398, 0.3168, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

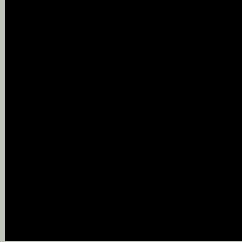
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

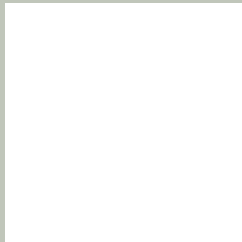
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1398, 0.3168, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 55.1398, 0.3168, 0.3439.



This preview shows how white text looks on a background with the Yxy color 55.1398, 0.3168, 0.3439.

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

55.1398, 0.3168, 0.3439

Protanopia

55.0475, 0.3267, 0.3424

Deuteranopia

54.9315, 0.3378, 0.3302



Tritanopia

54.9725, 0.3026, 0.3099

Trichromacy



Original Color

55.1398, 0.3168, 0.3439

Protanomaly

54.9884, 0.3225, 0.3425

Deuteranomaly

54.8424, 0.3306, 0.3350

Tritanomaly

54.8494, 0.3083, 0.3217

Monochromacy



Original Color

55.1398, 0.3168, 0.3439

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.7550, 0.3141, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1398, 0.3168, 0.3439 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(192, 198, 186)` looks like.

```
.text, #text, p{  
    color:rgb(192, 198, 186)  
}
```

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(192, 198, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 198, 186) }
```

Border

The CSS property to change the border of an element to Yxy 55.1398, 0.3168, 0.3439 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(192, 198, 186) }
```

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

```
.border{ border-color:rgb(192, 198, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 198, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 198, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 198, 186);  
box-shadow:4px 4px 4px 4px rgb(192, 198,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1398, 0.3168, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 198, 186) }
```

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

```
.background{ background-color: rgb(192,  
198, 186) }
```

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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