

Converting Colors

$Y_{xy}(55.2097, 0.3164, 0.3270)$

Have a look what the booklet for
Yxy(55.2097, 0.3164, 0.3270)
contains.

Yxy(55.4332, 0.3168, 0.3278)	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(55.4332, 0.3168, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C9C3C4
RGB	201, 195, 196
RGB Percent	79%, 76%, 77%
CMY	0.2116, 0.2353, 0.2314
CMYK	0.00, 0.03, 0.03, 0.21
HSL	350°, 5%, 78%
HSV	350°, 3%, 79%
XYZ	53.5730, 55.4332, 60.1005
YIQ	196.9080, 3.2550, 1.5830

Conversions

Conversions Part 2

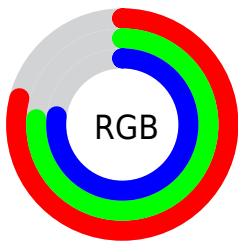
Format	Color
R _Y B	201, 195, 196
Decimal	13222852
CIE Lab	79.29, 2.29, 0.23
CIE LCh	79, 2.300, 5.823
Yxy	55.4332, 0.3168, 0.3278
Android (android.graphics.Color)	4291412932 (0xFFC9C3C4)
YUV	196.9080, -0.4476, 3.5887
Hunter-Lab	74.4535, -1.8538, 4.2572

Details

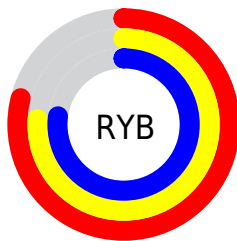
The Yxy color `55.4332, 0.3168, 0.3278` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `57.5624, 0.3088, 0.3302`, and the grayscale version is `55.7815, 0.3127, 0.3290`.

A 20% lighter version of the original color is `97.9727, 0.3140, 0.3281`, and `27.2058, 0.3182, 0.3274` is the 20% darker color. If you saturate the color by 10%, you get `46.3046, 0.3324, 0.3236`, and if you desaturate by 10%, it is `65.8647, 0.3042, 0.3317`.

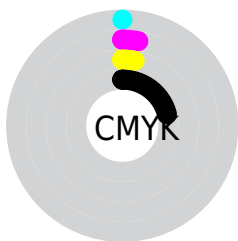
Distribution



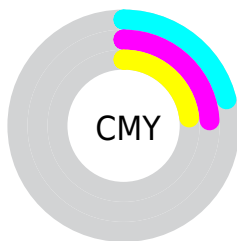
- Red (79%)
- Green (76%)
- Blue (77%)



- Red (79%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4332, 0.3168, 0.3278 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 55.4332, 0.3168, 0.3278 by changing the saturation by 10% instead.

■ 55.4332, 0.3168,
0.3278

■ 55.4332, 0.3168,
0.3278

407.5519, 0.3148,
0.3284

■ 39.7487, 0.3173,
0.3277

■ 98.1754, 0.3161,
0.3280

■ 27.3426, 0.3179,
0.3275

126.0018, 0.3158,
0.3281

■ 17.8307, 0.3187,
0.3272

158.6443, 0.3156,
0.3282

■ 10.8285, 0.3198,
0.3269

196.4873, 0.3154,
0.3282

■ 5.9516, 0.3213,
0.3264

239.9152, 0.3152,
0.3283

■ 2.8157, 0.3237,
0.3257

289.3123, 0.3151,

■ 1.0363, 0.3281,

0.3283

0.3244

345.0631, 0.3149,
0.3284

0.0000, 0.0000,
0.0000

55.4332, 0.3168,
0.3278

55.4332, 0.3168,
0.3278

46.3046, 0.3324,
0.3236

65.8647, 0.3042,
0.3317

38.4206, 0.3518,
0.3192

77.6398, 0.2939,
0.3352

31.7296, 0.3757,
0.3147

90.6121, 0.2856,
0.3381

26.1731, 0.4048,
0.3104

91.1624, 0.2811,
0.3289

21.6880, 0.4395,
0.3067

■ 18.2050, 0.4792,
0.3044

■ 15.6465, 0.5217,
0.3042

■ 13.9236, 0.5631,
0.3069

■ 12.9294, 0.5980,
0.3126

Harmonies

Analogous

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



55.4332, 0.3141, 0.3254



55.4332, 0.3168, 0.3278



55.4332, 0.3184, 0.3305

Triad

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



55.4332, 0.3168, 0.3278



55.4332, 0.3144, 0.3341



55.4332, 0.3070, 0.3252

Complementary

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



55.4332, 0.3168, 0.3278



57.5624, 0.3088, 0.3302

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.



55.4332, 0.3071, 0.3275



55.4332, 0.3168, 0.3278



55.4332, 0.3114, 0.3326

Square

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



55.4332, 0.3168, 0.3278



55.4332, 0.3170, 0.3341



55.4332, 0.3087, 0.3302



55.4332, 0.3084, 0.3239

Rectangle

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



55.4332, 0.3168, 0.3278



55.4332, 0.3187, 0.3321



55.4332, 0.3087, 0.3302



55.4332, 0.3068, 0.3259

Sweetspot

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



55.4356, 0.3168, 0.3278



98.2477, 0.3141, 0.3286



55.5157, 0.3122, 0.3218



21.0475, 0.3140, 0.3286



0.0000, 0.0000, 0.0000



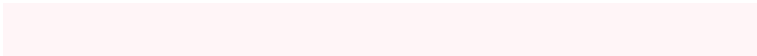
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4356, 0.3168, 0.3278



93.1285, 0.3183, 0.3274



56.2526, 0.3174, 0.3313



11.6005, 0.3192, 0.3271



7.8877, 0.6139, 0.3156



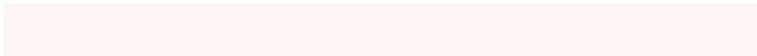
0.3827, 0.5605, 0.2861

Inverse Universe

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



55.4356, 0.3168, 0.3278



93.1285, 0.3183, 0.3274



56.7231, 0.3081, 0.3267



11.6005, 0.3192, 0.3271



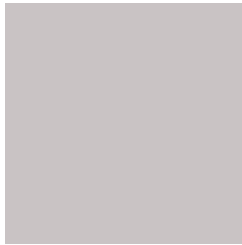
7.8877, 0.6139, 0.3156



0.3827, 0.5605, 0.2861

Previews

White Background



This preview shows how the Yxy color 55.4332, 0.3168, 0.3278 looks on a white background.

Color Contrast Check

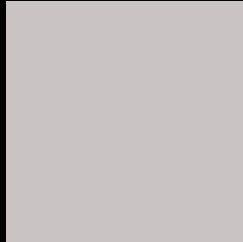
Large Text (above 18pt) WCAG AA × Fail

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 55.4332, 0.3168, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

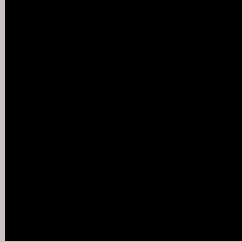
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

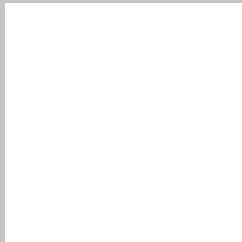
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4332, 0.3168, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 55.4332, 0.3168, 0.3278.

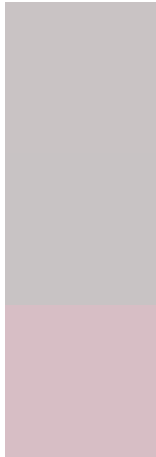


This preview shows how white text looks on a background with the Yxy color 55.4332, 0.3168, 0.3278.

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

55.4332, 0.3168, 0.3278

Protanopia

55.2951, 0.3160, 0.3278

Deuteranopia

55.3052, 0.3279, 0.3209



Tritanopia

55.3905, 0.3096, 0.3113

Trichromacy



Original Color

55.4332, 0.3168, 0.3278

Protanomaly

55.2951, 0.3160, 0.3278

Deuteranomaly

55.4321, 0.3236, 0.3232

Tritanomaly

55.4998, 0.3117, 0.3171

Monochromacy



Original Color

55.4332, 0.3168, 0.3278

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5168, 0.3136, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4332, 0.3168, 0.3278 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(201, 195, 196)` looks like.

```
.text, #text, p{  
    color:rgb(201, 195, 196)  
}
```

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(201, 195, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 195, 196) }
```

Border

The CSS property to change the border of an element to Yxy 55.4332, 0.3168, 0.3278 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(201, 195, 196) }
```

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

```
.border{ border-color:rgb(201, 195, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 195, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 195, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 195, 196);  
box-shadow:4px 4px 4px 4px rgb(201, 195,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4332, 0.3168, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 195, 196) }
```

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

```
.background{ background-color: rgb(201,  
195, 196) }
```

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