

Converting Colors

$Yxy(55.7226, 0.3159, 0.3383)$

Have a look what the booklet for
Yxy(55.7226, 0.3159, 0.3383)
contains.

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Color

Yxy(55.7080, 0.3162, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	C3C6BE
RGB	195, 198, 190
RGB Percent	76%, 78%, 75%
CMY	0.2353, 0.2235, 0.2549
CMYK	0.02, 0.00, 0.04, 0.22
HSL	83°, 7%, 76%
HSV	83°, 4%, 78%
XYZ	51.9919, 55.7080, 56.7274
YIQ	196.1910, 0.7800, -3.1240

Conversions

Conversions Part 2

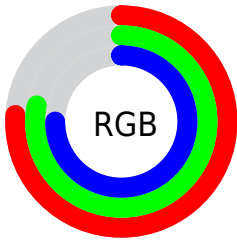
Format	Color
RYB	190, 198, 193
Decimal	12830398
CIELab	79.45, -2.49, 3.63
CIELCh	79, 4.406, 124.462
Yxy	55.7080, 0.3162, 0.3388
Android (android.graphics.Color)	4291020478 (0xFFC3C6BE)
YUV	196.1910, -3.0522, -1.0445
Hunter-Lab	74.6378, -6.2748, 7.1839

Details

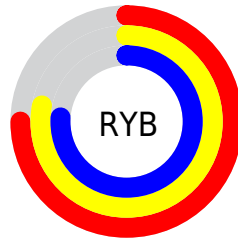
The Yxy color **55.7080, 0.3162, 0.3388** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2449, 0.3091, 0.3192**, and the grayscale version is **55.3413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8693, 0.3160, 0.3377**, and **27.4154, 0.3164, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **53.9332, 0.3249, 0.3643**, and if you desaturate by 10%, it is **57.6549, 0.3077, 0.3152**.

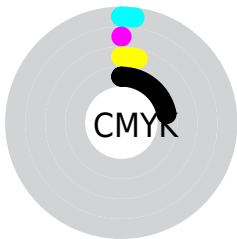
Distribution



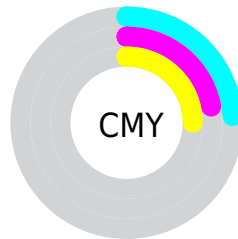
- Red (76%)
- Green (78%)
- Blue (75%)



- Red (75%)
- Yellow (78%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)





- Cyan (24%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7080, 0.3162, 0.3388 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 55.7080, 0.3162, 0.3388 by changing the saturation by 10% instead.


 55.7080, 0.3162,
0.3388

 55.7080, 0.3162,
0.3388


408.5901, 0.3145,
0.3340

 39.9689, 0.3166,
0.3400


 98.5775, 0.3156,
0.3371

 27.5143, 0.3171,
0.3414


126.4767, 0.3154,
0.3364

 17.9598, 0.3178,
0.3433


159.1980, 0.3152,
0.3359

 10.9211, 0.3187,
0.3460

197.1258, 0.3150,
0.3354

 6.0138, 0.3199,
0.3498

240.6445, 0.3149,
0.3350

 2.8535, 0.3219,
0.3558

290.1385, 0.3147,

 1.0557, 0.3255,

0.3346

0.3669

345.9923, 0.3146,
0.3343

0.0000, 0.0000,
0.0000

55.7080, 0.3162,
0.3388

55.7080, 0.3162,
0.3388

53.9332, 0.3249,
0.3643

57.6549, 0.3077,
0.3152

52.3179, 0.3335,
0.3914

59.7719, 0.2994,
0.2935

50.8587, 0.3416,
0.4195

62.0662, 0.2916,
0.2739

49.5495, 0.3488,
0.4478

63.5937, 0.2933,
0.2694

48.3836, 0.3547,
0.4751

64.8183, 0.2987,
0.2703

■ 47.3538, 0.3587,
0.5003

■ 66.0959, 0.3041,
0.2713

■ 46.4520, 0.3606,
0.5220

■ 67.4273, 0.3096,
0.2722

■ 45.6690, 0.3600,
0.5392

■ 68.8130, 0.3151,
0.2732

■ 44.9938, 0.3570,
0.5512

■ 68.8718, 0.3153,
0.2732

Harmonies

Analogous

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



55.7080, 0.3212, 0.3387



55.7080, 0.3162, 0.3388



55.7080, 0.3103, 0.3362

Triad

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



55.7080, 0.3162, 0.3388



55.7080, 0.3017, 0.3219



55.7080, 0.3203, 0.3264

Complementary

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



55.7080, 0.3162, 0.3388



52.2449, 0.3091, 0.3192

Split Complementary

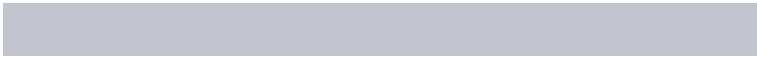
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.7080, 0.3150, 0.3220



55.7080, 0.3162, 0.3388



55.7080, 0.3043, 0.3194

Square

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



55.7080, 0.3162, 0.3388



55.7080, 0.3020, 0.3263



55.7080, 0.3092, 0.3194



55.7080, 0.3236, 0.3316

Rectangle

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



55.7080, 0.3162, 0.3388



55.7080, 0.3067, 0.3332



55.7080, 0.3092, 0.3194



55.7080, 0.3187, 0.3248

Sweetspot

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



55.7104, 0.3162, 0.3388



99.6550, 0.3136, 0.3314



53.8367, 0.3190, 0.3326



21.3339, 0.3135, 0.3313



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.



55.7104, 0.3162, 0.3388



98.3059, 0.3171, 0.3414



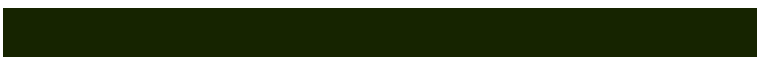
55.1949, 0.3131, 0.3389



12.3605, 0.3176, 0.3427



29.0724, 0.3553, 0.5561



1.4170, 0.3688, 0.5454

Inverse Universe

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



52.2449, 0.3091, 0.3192



90.6574, 0.3082, 0.3166



52.7672, 0.3123, 0.3193



11.2955, 0.3077, 0.3152



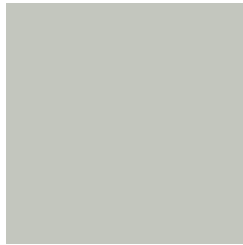
3.6597, 0.1817, 0.0775



0.2146, 0.2060, 0.0909

Previews

White Background



This preview shows how the Yxy color 55.7080, 0.3162, 0.3388 looks on a white background.

Color Contrast Check

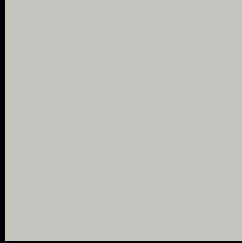
Large Text (above 18pt) WCAG AA × Fail

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 55.7080, 0.3162, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

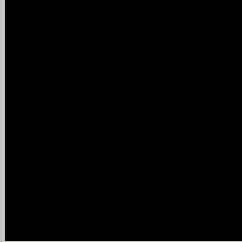
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

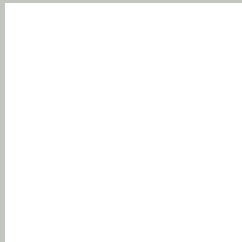
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7080, 0.3162, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 55.7080, 0.3162, 0.3388.



This preview shows how white text looks on a background with the Yxy color 55.7080, 0.3162, 0.3388.

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

55.7080, 0.3162, 0.3388

Protanopia

55.7105, 0.3228, 0.3375

Deuteranopia

55.5381, 0.3344, 0.3267



Tritanopia

55.6891, 0.3042, 0.3111

Trichromacy



Original Color

55.7080, 0.3162, 0.3388

Protanomaly

55.7487, 0.3202, 0.3387

Deuteranomaly

55.6032, 0.3281, 0.3314

Tritanomaly

55.6620, 0.3084, 0.3206

Monochromacy



Original Color

55.7080, 0.3162, 0.3388

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5633, 0.3141, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7080, 0.3162, 0.3388 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(195, 198, 190)` looks like.

```
.text, #text, p{  
    color:rgb(195, 198, 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(195, 198, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 198, 190) }
```

Border

The CSS property to change the border of an element to Yxy 55.7080, 0.3162, 0.3388 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(195, 198, 190) }
```

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

```
.border{ border-color:rgb(195, 198, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 198, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 198, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 198, 190);  
box-shadow:4px 4px 4px 4px rgb(195, 198,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7080, 0.3162, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 198, 190) }
```

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

```
.background{ background-color: rgb(195,  
198, 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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