

Converting Colors

Yxy(55.4988, 0.3190, 0.3416)

Have a look what the booklet for
Yxy(55.4988, 0.3190, 0.3416)
contains.

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Color

Yxy(55.7118, 0.3192, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	C4C6BB
RGB	196, 198, 187
RGB Percent	77%, 78%, 73%
CMY	0.2315, 0.2235, 0.2667
CMYK	0.01, 0.00, 0.06, 0.22
HSL	71°, 9%, 75%
HSV	71°, 6%, 78%
XYZ	51.9218, 55.7118, 55.0286
YIQ	196.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

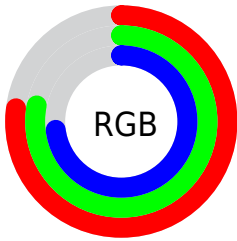
Format	Color
RYB	187, 198, 189
Decimal	12895931
CIELab	79.45, -2.69, 5.26
CIELCh	79, 5.906, 117.060
Yxy	55.7118, 0.3192, 0.3425
Android (android.graphics.Color)	4291086011 (0xFFC4C6BB)
YUV	196.1480, -4.5100, -0.1298
Hunter-Lab	74.6403, -6.4513, 8.5367

Details

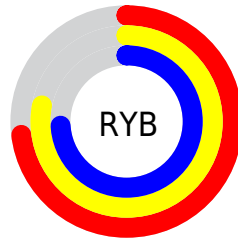
The Yxy color **55.7118, 0.3192, 0.3425** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4424, 0.3060, 0.3153**, and the grayscale version is **55.3203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8737, 0.3184, 0.3406**, and **27.4185, 0.3205, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **54.4362, 0.3311, 0.3678**, and if you desaturate by 10%, it is **57.1213, 0.3076, 0.3186**.

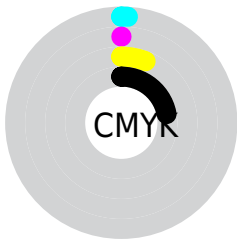
Distribution



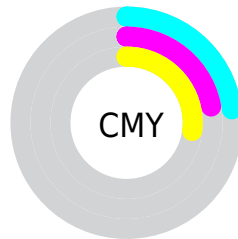
- Red (77%)
- Green (78%)
- Blue (73%)



- Red (73%)
- Yellow (78%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7118, 0.3192, 0.3425 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 55.7118, 0.3192, 0.3425 by changing the saturation by 10% instead.

■ 55.7118, 0.3192,
0.3425

■ 55.7118, 0.3192,
0.3425

408.6045, 0.3161,
0.3359

■ 39.9719, 0.3199,
0.3441

■ 98.5831, 0.3181,
0.3401

■ 27.5166, 0.3209,
0.3461

126.4832, 0.3177,
0.3392

■ 17.9616, 0.3221,
0.3488

159.2056, 0.3173,
0.3385

■ 10.9224, 0.3238,
0.3524

197.1346, 0.3170,
0.3378

■ 6.0147, 0.3262,
0.3577

240.6546, 0.3167,
0.3373

■ 2.8540, 0.3298,
0.3660

290.1500, 0.3165,

■ 1.0560, 0.3377,

0.3368

0.3827

346.0051, 0.3163,
0.3363

0.0000, 0.0000,
0.0000

55.7118, 0.3192,
0.3425

55.7118, 0.3192,
0.3425

54.4362, 0.3311,
0.3678

57.1213, 0.3076,
0.3186

53.2823, 0.3429,
0.3939

58.6621, 0.2966,
0.2963

52.2476, 0.3543,
0.4202

60.3407, 0.2862,
0.2757

51.3263, 0.3648,
0.4457

61.4187, 0.2834,
0.2676

50.5125, 0.3738,
0.4695

61.9677, 0.2859,
0.2681

■ 49.7994, 0.3809,
0.4904

■ 62.5292, 0.2885,
0.2685

■ 49.1797, 0.3855,
0.5075

■ 63.1033, 0.2911,
0.2690

■ 48.6445, 0.3877,
0.5202

■ 63.6901, 0.2937,
0.2695

■ 48.1833, 0.3873,
0.5284

■ 64.2897, 0.2964,
0.2699

Harmonies

Analogous

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



55.7118, 0.3253, 0.3415



55.7118, 0.3192, 0.3425



55.7118, 0.3114, 0.3398

Triad

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



55.7118, 0.3192, 0.3425



55.7118, 0.2977, 0.3207



55.7118, 0.3213, 0.3240

Complementary

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



55.7118, 0.3192, 0.3425



50.4424, 0.3060, 0.3153

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.



55.7118, 0.3139, 0.3186



55.7118, 0.3192, 0.3425



55.7118, 0.3003, 0.3166

Square

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



55.7118, 0.3192, 0.3425



55.7118, 0.2991, 0.3271



55.7118, 0.3062, 0.3159



55.7118, 0.3265, 0.3307

Rectangle

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



55.7118, 0.3192, 0.3425



55.7118, 0.3064, 0.3363



55.7118, 0.3062, 0.3159



55.7118, 0.3190, 0.3219

Sweetspot

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



55.7142, 0.3192, 0.3425



99.4965, 0.3151, 0.3339



51.9984, 0.3217, 0.3315



21.3016, 0.3150, 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.



55.7142, 0.3192, 0.3425



98.2792, 0.3210, 0.3463



54.9928, 0.3148, 0.3427



12.3681, 0.3215, 0.3473



31.2404, 0.3871, 0.5308



1.5058, 0.3942, 0.5252

Inverse Universe

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



50.4424, 0.3060, 0.3153



86.4827, 0.3041, 0.3113



51.1568, 0.3105, 0.3155



10.8022, 0.3036, 0.3103



2.9327, 0.1593, 0.0651



0.1684, 0.1786, 0.0758

Previews

White Background



This preview shows how the Yxy color 55.7118, 0.3192, 0.3425 looks on a white background.

Color Contrast Check

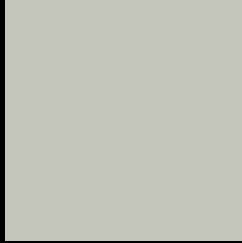
Large Text (above 18pt) WCAG AA × Fail

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 55.7118, 0.3192, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

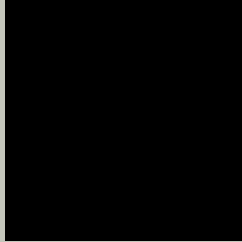
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

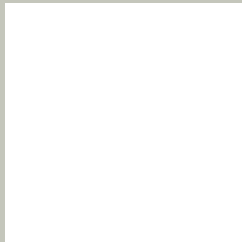
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7118, 0.3192, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 55.7118, 0.3192, 0.3425.



This preview shows how white text looks on a background with the Yxy color 55.7118, 0.3192, 0.3425.

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

55.7118, 0.3192, 0.3425

Protanopia

55.7215, 0.3259, 0.3411

Deuteranopia

55.5611, 0.3377, 0.3302



Tritanopia

55.8255, 0.3049, 0.3112

Trichromacy



Original Color

55.7118, 0.3192, 0.3425

Protanomaly

55.7570, 0.3233, 0.3424

Deuteranomaly

55.6197, 0.3313, 0.3350

Tritanomaly

55.7499, 0.3099, 0.3218

Monochromacy



Original Color

55.7118, 0.3192, 0.3425

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5185, 0.3149, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7118, 0.3192, 0.3425 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(196, 198, 187)` looks like.

```
.text, #text, p{  
    color:rgb(196, 198, 187)  
}
```

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(196, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 198, 187) }
```

Border

The CSS property to change the border of an element to Yxy 55.7118, 0.3192, 0.3425 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(196, 198, 187) }
```

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

```
.border{ border-color:rgb(196, 198, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 198, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 198, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 198, 187);  
box-shadow:4px 4px 4px 4px rgb(196, 198,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7118, 0.3192, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 198, 187) }
```

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

```
.background{ background-color: rgb(196,  
198, 187) }
```

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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