

Converting Colors

Yxy(55.4562, 0.3424, 0.3717)

Have a look what the booklet for
Yxy(55.4562, 0.3424, 0.3717)
contains.

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Color

Yxy(55.5891, 0.3424, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	CAC6A3
RGB	202, 198, 163
RGB Percent	79%, 78%, 64%
CMY	0.2078, 0.2235, 0.3608
CMYK	0.00, 0.02, 0.19, 0.21
HSL	54°, 27%, 72%
HSV	54°, 19%, 79%
XYZ	51.1659, 55.5891, 42.6781
YIQ	195.2060, 13.6190, -10.0370

Conversions

Conversions Part 2

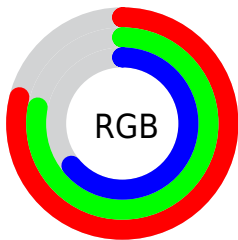
Format	Color
RYB	167, 202, 163
Decimal	13289123
CIELab	79.38, -4.38, 18.08
CIELCh	79, 18.602, 103.611
Yxy	55.5891, 0.3424, 0.3720
Android (android.graphics.Color)	4291479203 (0xFFCAC6A3)
YUV	195.2060, -15.8776, 5.9583
Hunter-Lab	74.5581, -7.9801, 18.2523

Details

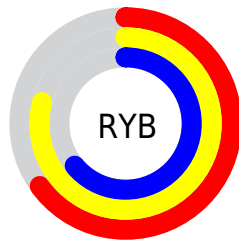
The Yxy color **55.5891, 0.3424, 0.3720** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6938, 0.2813, 0.2820**, and the grayscale version is **54.7954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **27.3901, 0.3507, 0.3833** is the 20% darker color. If you saturate the color by 10%, you get **53.9786, 0.3585, 0.3947**, and if you desaturate by 10%, it is **57.3333, 0.3267, 0.3494**.

Distribution



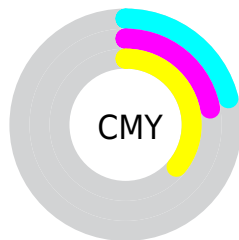
- Red (79%)
- Green (78%)
- Blue (64%)



- Red (65%)
- Yellow (79%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (19%)
- Black (21%)





- Cyan (21%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5891, 0.3424, 0.3720 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 55.5891, 0.3424, 0.3720 by changing the saturation by 10% instead.


 55.5891, 0.3424,
0.3720


 55.5891, 0.3424,
0.3720


408.1411, 0.3281,
0.3510

 39.8736, 0.3458,
0.3771


 98.4035, 0.3373,
0.3645

 27.4400, 0.3500,
0.3835


 126.2713, 0.3354,
0.3616

 17.9039, 0.3554,
0.3920


158.9585, 0.3338,
0.3592

 10.8810, 0.3627,
0.4034

196.8496, 0.3323,
0.3571

 5.9869, 0.3727,
0.4196

240.3290, 0.3311,
0.3553

 2.8371, 0.3870,
0.4444

289.7812, 0.3300,

 1.0473, 0.4568,

0.3537

0.5432

345.5904, 0.3290,
0.3522

0.0000, 0.0000,
0.0000

55.5891, 0.3424,
0.3720

55.5891, 0.3424,
0.3720

53.9786, 0.3585,
0.3947

57.3333, 0.3267,
0.3494

52.4889, 0.3746,
0.4169

59.2090, 0.3117,
0.3275

51.1165, 0.3901,
0.4375

61.2235, 0.2977,
0.3068

49.8548, 0.4043,
0.4557

63.3814, 0.2848,
0.2874

48.6965, 0.4167,
0.4705

65.0936, 0.2782,
0.2783

■ 47.6335, 0.4266,
0.4811

■ 66.1186, 0.2783,
0.2806

■ 46.6561, 0.4337,
0.4873

■ 67.1571, 0.2785,
0.2830

■ 45.7473, 0.4385,
0.4897

■ 68.2090, 0.2787,
0.2853

■ 45.6866, 0.4388,
0.4898

■ 69.2744, 0.2788,
0.2876

Harmonies

Analogous

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



55.5891, 0.3579, 0.3625



55.5891, 0.3424, 0.3720



55.5891, 0.3193, 0.3694

Triad

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



55.5891, 0.3424, 0.3720



55.5891, 0.2668, 0.3102



55.5891, 0.3296, 0.3052

Complementary

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



55.5891, 0.3424, 0.3720



39.6938, 0.2813, 0.2820

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.



55.5891, 0.3047, 0.2923



55.5891, 0.3424, 0.3720



55.5891, 0.2692, 0.2943

Square

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



55.5891, 0.3424, 0.3720



55.5891, 0.2760, 0.3324



55.5891, 0.2828, 0.2882



55.5891, 0.3505, 0.3241

Rectangle

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



55.5891, 0.3424, 0.3720



55.5891, 0.3028, 0.3607



55.5891, 0.2828, 0.2882



55.5891, 0.3213, 0.3001

Sweetspot

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



55.5916, 0.3424, 0.3720



98.0511, 0.3217, 0.3422



41.5610, 0.3461, 0.3233



20.9427, 0.3228, 0.3437



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.



55.5916, 0.3424, 0.3720



92.9838, 0.3488, 0.3811



55.4686, 0.3293, 0.3786



12.8913, 0.3268, 0.3496



29.4677, 0.4385, 0.4900



1.5785, 0.4343, 0.4934

Inverse Universe

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



39.6938, 0.2813, 0.2820



61.4304, 0.2740, 0.2709



39.9158, 0.2936, 0.2784



11.0270, 0.2982, 0.3075



3.1477, 0.1522, 0.0678



0.2272, 0.1586, 0.0908

Previews

White Background



This preview shows how the Yxy color 55.5891, 0.3424, 0.3720 looks on a white background.

Color Contrast Check

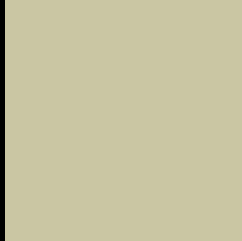
Large Text (above 18pt) WCAG AA × Fail

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 55.5891, 0.3424, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

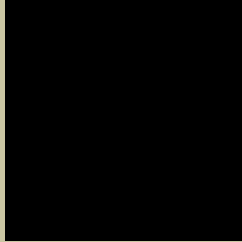
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

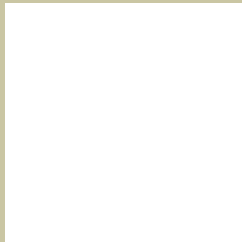
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5891, 0.3424, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 55.5891, 0.3424, 0.3720.



This preview shows how white text looks on a background with the Yxy color 55.5891, 0.3424, 0.3720.

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

55.5891, 0.3424, 0.3720

Protanopia

55.4984, 0.3487, 0.3702

Deuteranopia

55.4427, 0.3646, 0.3567



Tritanopia

55.6142, 0.3143, 0.3115

Trichromacy



Original Color

55.5891, 0.3424, 0.3720

Protanomaly

55.6630, 0.3468, 0.3716

Deuteranomaly

55.2850, 0.3567, 0.3621

Tritanomaly

55.4670, 0.3247, 0.3326

Monochromacy



Original Color

55.5891, 0.3424, 0.3720

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.9045, 0.3241, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5891, 0.3424, 0.3720 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(202, 198, 163)` looks like.

```
.text, #text, p{  
    color:rgb(202, 198, 163)  
}
```

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(202, 198, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 198, 163) }
```

Border

The CSS property to change the border of an element to Yxy 55.5891, 0.3424, 0.3720 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(202, 198, 163) }
```

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

```
.border{ border-color:rgb(202, 198, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 198, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 198, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 198, 163);  
box-shadow:4px 4px 4px 4px rgb(202, 198,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5891, 0.3424, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 198, 163) }
```

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

```
.background{ background-color: rgb(202,  
198, 163) }
```

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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