

Converting Colors

$Yxy(55.6395, 0.3421, 0.3699)$

Have a look what the booklet for
Yxy(55.6395, 0.3421, 0.3699)
contains.

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Color

Yxy(55.7650, 0.3424, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	CBC6A4
RGB	203, 198, 164
RGB Percent	80%, 78%, 64%
CMY	0.2040, 0.2235, 0.3567
CMYK	0.00, 0.02, 0.19, 0.20
HSL	52°, 27%, 72%
HSV	52°, 19%, 80%
XYZ	51.5217, 55.7650, 43.1855
YIQ	195.6190, 13.8940, -9.5140

Conversions

Conversions Part 2

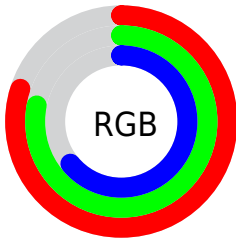
Format	Color
RYB	170, 203, 164
Decimal	13354660
CIELab	79.48, -3.87, 17.68
CIELCh	79, 18.094, 102.351
Yxy	55.7650, 0.3424, 0.3706
Android (android.graphics.Color)	4291544740 (0xFFCBC6A4)
YUV	195.6190, -15.5882, 6.4731
Hunter-Lab	74.6760, -7.5293, 17.9854

Details

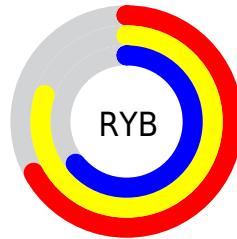
The Yxy color **55.7650, 0.3424, 0.3706** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.5848, 0.2816, 0.2837**, and the grayscale version is **55.0517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **27.5059, 0.3508, 0.3815** is the 20% darker color. If you saturate the color by 10%, you get **53.9171, 0.3588, 0.3928**, and if you desaturate by 10%, it is **57.7552, 0.3265, 0.3486**.

Distribution



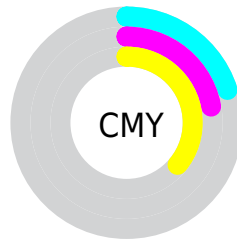
- Red (80%)
- Green (78%)
- Blue (64%)



- Red (67%)
- Yellow (80%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (19%)
- Black (20%)





- Cyan (20%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7650, 0.3424, 0.3706 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 55.7650, 0.3424, 0.3706 by changing the saturation by 10% instead.


 55.7650, 0.3424,
0.3706


 55.7650, 0.3424,
0.3706

408.8053, 0.3281,
0.3503

 40.0145, 0.3458,
0.3755

 98.6609, 0.3373,
0.3633

 27.5499, 0.3500,
0.3817


 126.5751, 0.3354,
0.3606

 17.9866, 0.3555,
0.3898


159.3127, 0.3338,
0.3582

 10.9404, 0.3628,
0.4008

197.2581, 0.3323,
0.3562

 6.0268, 0.3728,
0.4164

240.7957, 0.3311,
0.3544

 2.8614, 0.3874,
0.4402

290.3098, 0.3300,

 1.0598, 0.4605,

0.3529

0.5395

346.1849, 0.3290,
0.3515

0.0000, 0.0000,
0.0000

55.7650, 0.3424,
0.3706

55.7650, 0.3424,
0.3706

53.9171, 0.3588,
0.3928

57.7552, 0.3265,
0.3486

52.1983, 0.3753,
0.4145

59.8855, 0.3115,
0.3273

50.6052, 0.3913,
0.4348

62.1634, 0.2976,
0.3071

49.1310, 0.4062,
0.4527

64.5935, 0.2847,
0.2883

47.7683, 0.4193,
0.4672

66.4838, 0.2790,
0.2812

■ 46.5089, 0.4300,
0.4777

■ 67.7813, 0.2792,
0.2841

■ 45.3427, 0.4380,
0.4837

■ 69.0996, 0.2794,
0.2870

■ 44.2532, 0.4435,
0.4856

■ 70.4388, 0.2796,
0.2899

■ 44.1663, 0.4439,
0.4858

■ 71.7991, 0.2798,
0.2927

Harmonies

Analogous

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



55.7650, 0.3570, 0.3610



55.7650, 0.3424, 0.3706



55.7650, 0.3201, 0.3686

Triad

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



55.7650, 0.3424, 0.3706



55.7650, 0.2682, 0.3115



55.7650, 0.3281, 0.3052

Complementary

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



55.7650, 0.3424, 0.3706



40.5848, 0.2816, 0.2837

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.



55.7650, 0.3039, 0.2929



55.7650, 0.3424, 0.3706



55.7650, 0.2700, 0.2958

Square

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



55.7650, 0.3424, 0.3706



55.7650, 0.2777, 0.3333



55.7650, 0.2828, 0.2893



55.7650, 0.3487, 0.3234

Rectangle

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



55.7650, 0.3424, 0.3706



55.7650, 0.3041, 0.3605



55.7650, 0.2828, 0.2893



55.7650, 0.3201, 0.3003

Sweetspot

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



55.7675, 0.3424, 0.3706



97.8138, 0.3218, 0.3419



42.1299, 0.3452, 0.3225



20.8864, 0.3228, 0.3433



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.



55.7675, 0.3424, 0.3706



92.0978, 0.3491, 0.3798



56.1644, 0.3297, 0.3781



12.8428, 0.3269, 0.3490



28.2069, 0.4435, 0.4861



1.5251, 0.4381, 0.4903

Inverse Universe

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



40.5848, 0.2816, 0.2837



62.1106, 0.2741, 0.2726



40.3761, 0.2932, 0.2786



11.0709, 0.2982, 0.3081



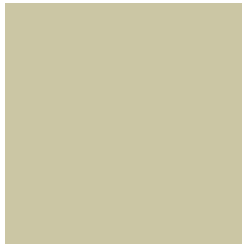
3.2861, 0.1529, 0.0705



0.2475, 0.1605, 0.0976

Previews

White Background



This preview shows how the Yxy color 55.7650, 0.3424, 0.3706 looks on a white background.

Color Contrast Check

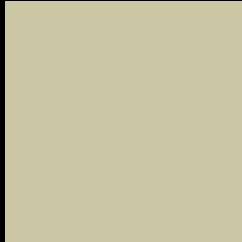
Large Text (above 18pt) WCAG AA × Fail

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 55.7650, 0.3424, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

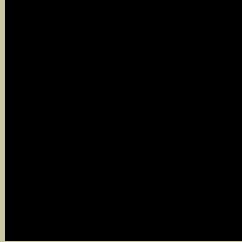
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

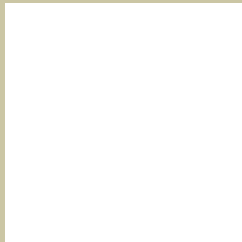
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7650, 0.3424, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 55.7650, 0.3424, 0.3706.



This preview shows how white text looks on a background with the Yxy color 55.7650, 0.3424, 0.3706.

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

55.7650, 0.3424, 0.3706

Protanopia

55.5341, 0.3479, 0.3690

Deuteranopia

55.4793, 0.3638, 0.3556



Tritanopia

55.7596, 0.3151, 0.3115

Trichromacy



Original Color

55.7650, 0.3424, 0.3706

Protanomaly

55.6987, 0.3460, 0.3704

Deuteranomaly

55.3213, 0.3559, 0.3609

Tritanomaly

55.6106, 0.3255, 0.3326

Monochromacy



Original Color

55.7650, 0.3424, 0.3706

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5353, 0.3240, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7650, 0.3424, 0.3706 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(203, 198, 164)` looks like.

```
.text, #text, p{  
    color:rgb(203, 198, 164)  
}
```

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(203, 198, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 198, 164) }
```

Border

The CSS property to change the border of an element to Yxy 55.7650, 0.3424, 0.3706 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(203, 198, 164) }
```

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

```
.border{ border-color:rgb(203, 198, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 198, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 198, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 198, 164);  
box-shadow:4px 4px 4px 4px rgb(203, 198,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7650, 0.3424, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 198, 164) }
```

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

```
.background{ background-color: rgb(203,  
198, 164) }
```

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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