

Converting Colors

$Yxy(55.8033, 0.3923, 0.4480)$

Have a look what the booklet for
Yxy(55.8033, 0.3923, 0.4480)
contains.

Yxy(55.9395, 0.3915, 0.4481)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.9395, 0.3915, 0.4481)

Conversions

Conversions Part 1

Format	Color
Hex	CFC963
RGB	207, 201, 99
RGB Percent	81%, 79%, 39%
CMY	0.1882, 0.2118, 0.6118
CMYK	0.00, 0.03, 0.52, 0.19
HSL	57°, 53%, 60%
HSV	57°, 52%, 81%
XYZ	48.8737, 55.9395, 20.0239
YIQ	191.1660, 36.3180, -30.4500

Conversions

Conversions Part 2

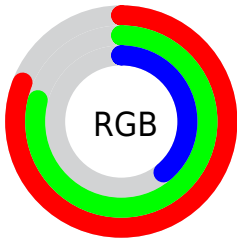
Format	Color
RYB	105, 207, 99
Decimal	13617507
CIELab	79.58, -11.41, 51.06
CIELCh	80, 52.316, 102.593
Yxy	55.9395, 0.3915, 0.4481
Android (android.graphics.Color)	4291807587 (0xFFCFC963)
YUV	191.1660, -45.4378, 13.8864
Hunter-Lab	74.7927, -14.2454, 36.4815

Details

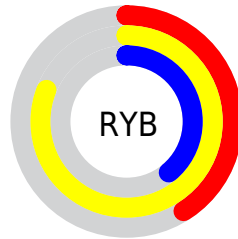
The Yxy color **55.9395, 0.3915, 0.4481** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.2630, 0.2147, 0.1727**, and the grayscale version is **52.4568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0470, 0.3734, 0.4293**, and **27.5567, 0.4066, 0.4764** is the 20% darker color. If you saturate the color by 10%, you get **55.0603, 0.4040, 0.4659**, and if you desaturate by 10%, it is **56.9294, 0.3773, 0.4274**.

Distribution



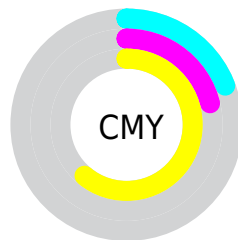
- Red (81%)
- Green (79%)
- Blue (39%)



- Red (41%)
- Yellow (81%)
- Blue (39%)



- Cyan (0%)
- Magenta (3%)
- Yellow (52%)
- Black (19%)





- Cyan (19%)
- Magenta (21%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9395, 0.3915, 0.4481 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 55.9395, 0.3915, 0.4481 by changing the saturation by 10% instead.

 55.9395, 0.3915,
0.4481

 55.9395, 0.3915,
0.4481


409.4635, 0.3561,
0.3911

 40.1544, 0.3987,
0.4609


 98.9161, 0.3798,
0.4283

 27.6590, 0.4069,
0.4764


 126.8764, 0.3750,
0.4206

 18.0687, 0.4159,
0.4951


 159.6640, 0.3709,
0.4140

 10.9993, 0.4250,
0.5176

 197.6631, 0.3672,
0.4082

 6.0664, 0.4427,
0.5573

241.2582, 0.3639,
0.4031

 2.8855, 0.4298,
0.5702

290.8337, 0.3610,

 1.0722, 0.4049,

0.3986

0.5951

346.7740, 0.3584,
0.3947

■ 0.0000, 0.0000,
0.0000

■ 55.9395, 0.3915,
0.4481

■ 55.9395, 0.3915,
0.4481

■ 55.0603, 0.4040,
0.4659

■ 56.9294, 0.3773,
0.4274

■ 54.2760, 0.4143,
0.4800

■ 58.0293, 0.3622,
0.4047

■ 53.5802, 0.4220,
0.4898

■ 59.2483, 0.3465,
0.3810

■ 52.9620, 0.4270,
0.4953

■ 60.5923, 0.3310,
0.3572

■ 52.5176, 0.4295,
0.4972

■ 62.0668, 0.3159,
0.3340

■ 63.6771, 0.3016,
0.3117

■ 65.4280, 0.2883,
0.2908

■ 66.6900, 0.2816,
0.2808

■ 67.2619, 0.2817,
0.2820

Harmonies

Analogous

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



55.9395, 0.4371, 0.4112



55.9395, 0.3915, 0.4481



55.9395, 0.3276, 0.4513

Triad

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



55.9395, 0.3915, 0.4481



55.9395, 0.1934, 0.2732



55.9395, 0.3554, 0.2653

Complementary

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



55.9395, 0.3915, 0.4481



17.2630, 0.2147, 0.1727

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.



55.9395, 0.2856, 0.2346



55.9395, 0.3915, 0.4481



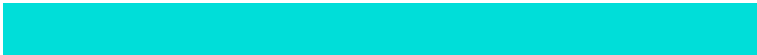
55.9395, 0.1989, 0.2350

Square

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



55.9395, 0.3915, 0.4481



55.9395, 0.2152, 0.3367



55.9395, 0.2304, 0.2233



55.9395, 0.4181, 0.3098

Rectangle

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



55.9395, 0.3915, 0.4481



55.9395, 0.2835, 0.4270



55.9395, 0.2304, 0.2233



55.9395, 0.3316, 0.2532

Sweetspot

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



55.9421, 0.3915, 0.4481



96.2046, 0.3372, 0.3668



23.2349, 0.4526, 0.3205



20.4958, 0.3404, 0.3717



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.



55.9421, 0.3915, 0.4481



88.0202, 0.4058, 0.4684



53.0284, 0.3488, 0.4730



13.6801, 0.3267, 0.3507



33.1301, 0.4293, 0.4973



1.8876, 0.4273, 0.4989

Inverse Universe

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



17.2630, 0.2147, 0.1727



19.3773, 0.1917, 0.1347



19.5214, 0.2540, 0.1800



11.5218, 0.2982, 0.3063



3.0417, 0.1511, 0.0638



0.2080, 0.1545, 0.0763

Previews

White Background



This preview shows how the Yxy color 55.9395, 0.3915, 0.4481 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 55.9395, 0.3915, 0.4481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

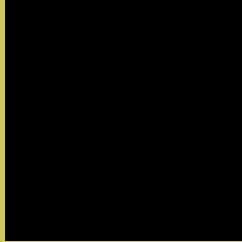
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9395, 0.3915, 0.4481

Background



This preview shows how black text looks on a background with the Yxy color 55.9395, 0.3915, 0.4481.



This preview shows how white text looks on a background with the Yxy color 55.9395, 0.3915, 0.4481.

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

55.9395, 0.3915, 0.4481

Protanopia

55.7198, 0.4041, 0.4407

Deuteranopia

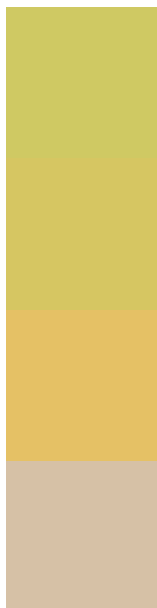
55.8030, 0.4281, 0.4191



Tritanopia

55.6603, 0.3250, 0.3119

Trichromacy



Original Color

55.9395, 0.3915, 0.4481

Protanomaly

55.5662, 0.4000, 0.4433

Deuteranomaly

55.7375, 0.4143, 0.4297

Tritanomaly

55.1892, 0.3514, 0.3612

Monochromacy



Original Color

55.9395, 0.3915, 0.4481

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.3692, 0.3427, 0.3754

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9395, 0.3915, 0.4481 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(207, 201, 99)` looks like.

```
.text, #text, p{  
    color:rgb(207, 201, 99)  
}
```

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(207, 201, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 201, 99) }
```

Border

The CSS property to change the border of an element to Yxy 55.9395, 0.3915, 0.4481 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(207, 201, 99) }
```

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

```
.border{ border-color:rgb(207, 201, 99) }
```

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

Here you see how a box with a 4 pixel rgb(207, 201, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 201, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 201, 99);  
box-shadow:4px 4px 4px 4px rgb(207, 201,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9395, 0.3915, 0.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 201, 99) }
```

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

```
.background{ background-color: rgb(207,  
201, 99) }
```

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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