

Converting Colors

Yxy(55.4778, 0.3901, 0.4584)

Have a look what the booklet for
Yxy(55.4778, 0.3901, 0.4584)
contains.

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Color

Yxy(55.4313, 0.3899, 0.4584)

Conversions

Conversions Part 1

Format	Color
Hex	C9CA5C
RGB	201, 202, 92
RGB Percent	79%, 79%, 36%
CMY	0.2116, 0.2079, 0.6391
CMYK	0.00, 0.00, 0.54, 0.21
HSL	61°, 51%, 58%
HSV	61°, 54%, 79%
XYZ	47.1480, 55.4313, 18.3441
YIQ	189.1610, 34.7140, -34.4220

Conversions

Conversions Part 2

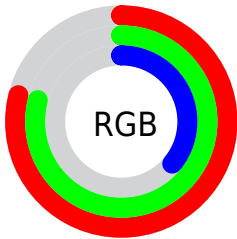
Format	Color
R_{YB}	92, 202, 93
Decimal	13224540
CIE _{Lab}	79.29, -14.93, 53.83
CIE _{LCh}	79, 55.862, 105.498
Yxy	55.4313, 0.3899, 0.4584
Android (android.graphics.Color)	4291414620 (0xFFC9CA5C)
YUV	189.1610, -47.9004, 10.3828
Hunter-Lab	74.4522, -17.2534, 37.5082

Details

The Yxy color **55.4313, 0.3899, 0.4584** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **14.2482, 0.2091, 0.1568**, and the grayscale version is **51.2559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8243, 0.3772, 0.4356**, and **27.2556, 0.4031, 0.4892** is the 20% darker color. If you saturate the color by 10%, you get **55.1020, 0.4004, 0.4761**, and if you desaturate by 10%, it is **55.8599, 0.3775, 0.4374**.

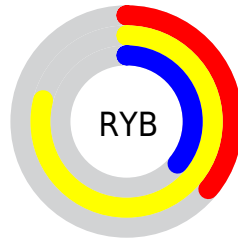
Distribution



Red (79%)

Green (79%)

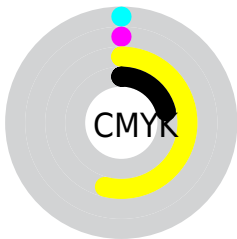
Blue (36%)



Red (36%)

Yellow (79%)

Blue (36%)

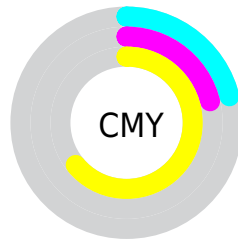


Cyan (0%)

Magenta (0%)

Yellow (54%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4313, 0.3899, 0.4584 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 55.4313, 0.3899, 0.4584 by changing the saturation by 10% instead.

■ 55.4313, 0.3899,
0.4584

■ 55.4313, 0.3899,
0.4584

407.5448, 0.3558,
0.3962

■ 39.7471, 0.3965,
0.4724

■ 98.1726, 0.3788,
0.4368

■ 27.3414, 0.4038,
0.4893

■ 125.9985, 0.3743,
0.4283

■ 17.8298, 0.4114,
0.5097

■ 158.6405, 0.3703,
0.4211

■ 10.8279, 0.4180,
0.5340

■ 196.4829, 0.3667,
0.4148

■ 5.9512, 0.4281,
0.5719

239.9101, 0.3635,
0.4092

■ 2.8154, 0.4108,
0.5892

289.3066, 0.3607,

■ 1.0362, 0.3717,

0.4044

0.6283

345.0567, 0.3581,
0.4000

0.0000, 0.0000,
0.0000

55.4313, 0.3899,
0.4584

55.4313, 0.3899,
0.4584

55.1020, 0.4004,
0.4761

55.8599, 0.3775,
0.4374

54.8567, 0.4084,
0.4899

56.3870, 0.3636,
0.4142

54.6891, 0.4139,
0.4994

57.0213, 0.3489,
0.3895

54.5883, 0.4169,
0.5047

57.7685, 0.3339,
0.3645

54.5502, 0.4178,
0.5065

58.6339, 0.3191,
0.3397

■ 59.6224, 0.3049,
0.3159

■ 60.7389, 0.2914,
0.2934

■ 61.9876, 0.2788,
0.2725

■ 62.1008, 0.2781,
0.2711

Harmonies

Analogous

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



55.4313, 0.4416, 0.4202



55.4313, 0.3899, 0.4584



55.4313, 0.3209, 0.4585

Triad

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



55.4313, 0.3899, 0.4584



55.4313, 0.1856, 0.2637



55.4313, 0.3655, 0.2653

Complementary

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



55.4313, 0.3899, 0.4584



14.2482, 0.2091, 0.1568

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.



55.4313, 0.2903, 0.2314



55.4313, 0.3899, 0.4584



55.4313, 0.1941, 0.2266

Square

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



55.4313, 0.3899, 0.4584



55.4313, 0.2053, 0.3293



55.4313, 0.2297, 0.2171



55.4313, 0.4307, 0.3131

Rectangle

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



55.4313, 0.3899, 0.4584



55.4313, 0.2745, 0.4293



55.4313, 0.2297, 0.2171



55.4313, 0.3401, 0.2521

Sweetspot

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



55.4339, 0.3899, 0.4584



97.5781, 0.3366, 0.3689



20.9870, 0.4728, 0.3295



20.8273, 0.3397, 0.3741



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.



55.4339, 0.3899, 0.4584



93.2334, 0.4017, 0.4784



49.2149, 0.3437, 0.4821



13.0916, 0.3264, 0.3519



35.1072, 0.4178, 0.5064



1.8128, 0.4181, 0.5062

Inverse Universe

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



14.2482, 0.2091, 0.1568



16.6149, 0.1865, 0.1195



18.1260, 0.2585, 0.1766



10.8486, 0.2984, 0.3050



2.7533, 0.1503, 0.0602



0.1437, 0.1514, 0.0607

Previews

White Background



This preview shows how the Yxy color 55.4313, 0.3899, 0.4584 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 55.4313, 0.3899, 0.4584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

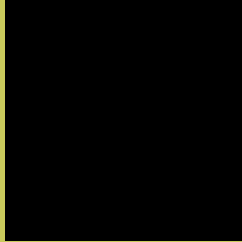
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4313, 0.3899, 0.4584

Background



This preview shows how black text looks on a background with the Yxy color 55.4313, 0.3899, 0.4584.



This preview shows how white text looks on a background with the Yxy color 55.4313, 0.3899, 0.4584.

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

55.4313, 0.3899, 0.4584

Protanopia

55.5761, 0.4090, 0.4481

Deuteranopia

55.2624, 0.4329, 0.4234



Tritanopia

55.2317, 0.3192, 0.3116

Trichromacy



Original Color

55.4313, 0.3899, 0.4584

Protanomaly

55.5992, 0.4019, 0.4517

Deuteranomaly

54.8564, 0.4171, 0.4350

Tritanomaly

54.6738, 0.3476, 0.3654

Monochromacy



Original Color

55.4313, 0.3899, 0.4584

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.2541, 0.3426, 0.3799

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4313, 0.3899, 0.4584 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(201, 202, 92)` looks like.

```
.text, #text, p{  
    color:rgb(201, 202, 92)  
}
```

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(201, 202, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 202, 92) }
```

Border

The CSS property to change the border of an element to Yxy 55.4313, 0.3899, 0.4584 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(201, 202, 92) }
```

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

```
.border{ border-color:rgb(201, 202, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 202, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 202, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 202, 92);  
box-shadow:4px 4px 4px 4px rgb(201, 202,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4313, 0.3899, 0.4584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 202, 92) }
```

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

```
.background{ background-color: rgb(201,  
202, 92) }
```

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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