

Converting Colors

Yxy(54.7915, 0.3399, 0.3796)

Have a look what the booklet for
Yxy(54.7915, 0.3399, 0.3796)
contains.

Yxy(54.9176, 0.3401, 0.3804)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.9176, 0.3401, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	C3C79E
RGB	195, 199, 158
RGB Percent	76%, 78%, 62%
CMY	0.2353, 0.2196, 0.3805
CMYK	0.02, 0.00, 0.21, 0.22
HSL	66°, 27%, 70%
HSV	66°, 21%, 78%
XYZ	49.0996, 54.9176, 40.3509
YIQ	193.1300, 10.7770, -13.5990

Conversions

Conversions Part 2

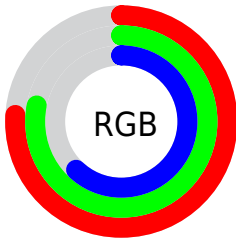
Format	Color
RYB	158, 199, 162
Decimal	12830622
CIELab	78.99, -8.27, 20.13
CIELCh	79, 21.757, 112.330
Yxy	54.9176, 0.3401, 0.3804
Android (android.graphics.Color)	4291020702 (0xFFC3C79E)
YUV	193.1300, -17.3191, 1.6400
Hunter-Lab	74.1064, -11.4202, 19.5911

Details

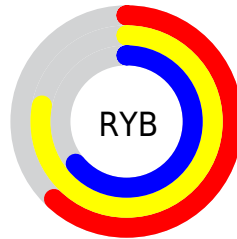
The Yxy color $54.9176, 0.3401, 0.3804$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.2510, 0.2820, 0.2731$, and the grayscale version is $53.5085, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.0195, 0.3356, 0.3703$, and $26.9541, 0.3474, 0.3949$ is the 20% darker color. If you saturate the color by 10%, you get $54.0323, 0.3534, 0.4060$, and if you desaturate by 10%, it is $55.9221, 0.3267, 0.3550$.

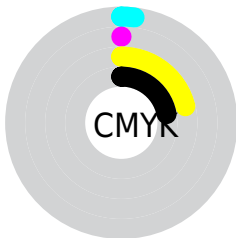
Distribution



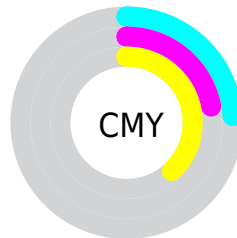
- Red (76%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)




- Cyan (24%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9176, 0.3401, 0.3804 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 54.9176, 0.3401, 0.3804 by changing the saturation by 10% instead.


 54.9176, 0.3401,
0.3804


 54.9176, 0.3401,
0.3804


405.5995, 0.3271,
0.3550

 39.3358, 0.3431,
0.3866


 97.4202, 0.3355,
0.3713

 27.0210, 0.3469,
0.3945


 125.1098, 0.3337,
0.3678

 17.5890, 0.3517,
0.4049


157.6040, 0.3322,
0.3649

 10.6553, 0.3580,
0.4190

195.2874, 0.3309,
0.3624

 5.8356, 0.3664,
0.4393

238.5442, 0.3298,
0.3602

 2.7454, 0.3779,
0.4708

287.7589, 0.3288,

 1.0003, 0.4267,

0.3582

0.5733

343.3159, 0.3279,
0.3565

0.0000, 0.0000,
0.0000

54.9176, 0.3401,
0.3804

54.9176, 0.3401,
0.3804

54.0323, 0.3534,
0.4060

55.9221, 0.3267,
0.3550

53.2536, 0.3660,
0.4310

57.0435, 0.3135,
0.3305

52.5780, 0.3774,
0.4543

58.2889, 0.3009,
0.3072

51.9994, 0.3871,
0.4751

59.6627, 0.2889,
0.2856

51.5105, 0.3945,
0.4923

61.0081, 0.2793,
0.2680

■ 51.1034, 0.3995,
0.5054

■ 61.2855, 0.2806,
0.2683

■ 50.7685, 0.4019,
0.5140

■ 61.5664, 0.2820,
0.2685

■ 50.5030, 0.4022,
0.5188

■ 61.8508, 0.2833,
0.2687

■ 62.1386, 0.2847,
0.2690

Harmonies

Analogous

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



54.9176, 0.3617, 0.3726



54.9176, 0.3401, 0.3804



54.9176, 0.3117, 0.3731

Triad

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



54.9176, 0.3401, 0.3804



54.9176, 0.2585, 0.3003



54.9176, 0.3405, 0.3071

Complementary

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



54.9176, 0.3401, 0.3804



36.2510, 0.2820, 0.2731

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.



54.9176, 0.3116, 0.2897



54.9176, 0.3401, 0.3804



54.9176, 0.2652, 0.2850

Square

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



54.9176, 0.3401, 0.3804



54.9176, 0.2654, 0.3248



54.9176, 0.2842, 0.2816



54.9176, 0.3623, 0.3301

Rectangle

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



54.9176, 0.3401, 0.3804



54.9176, 0.2930, 0.3603



54.9176, 0.2842, 0.2816



54.9176, 0.3312, 0.3005

Sweetspot

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



54.9200, 0.3401, 0.3804



98.7713, 0.3207, 0.3438



40.2407, 0.3526, 0.3335



21.1135, 0.3216, 0.3454



0.0000, 0.0000, 0.0000



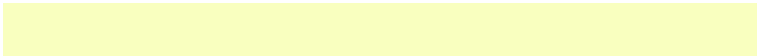
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.9200, 0.3401, 0.3804



95.3916, 0.3464, 0.3926



52.4403, 0.3236, 0.3832



12.3624, 0.3250, 0.3519



32.4937, 0.4025, 0.5186



1.5542, 0.4062, 0.5157

Inverse Universe

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



36.2510, 0.2820, 0.2731



56.5249, 0.2737, 0.2584



38.5056, 0.2995, 0.2759



10.3362, 0.2998, 0.3052



2.7610, 0.1537, 0.0620



0.1480, 0.1655, 0.0685

Previews

White Background



This preview shows how the Yxy color 54.9176, 0.3401, 0.3804 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 54.9176, 0.3401, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

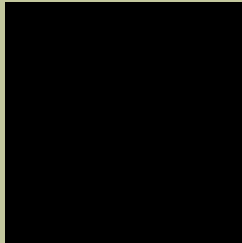
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

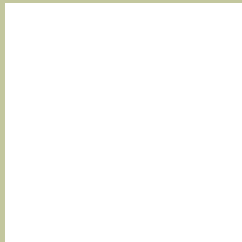
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9176, 0.3401, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 54.9176, 0.3401, 0.3804.



This preview shows how white text looks on a background with the Yxy color 54.9176, 0.3401, 0.3804.

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

54.9176, 0.3401, 0.3804

Protanopia

54.8404, 0.3537, 0.3764

Deuteranopia

54.8354, 0.3691, 0.3614



Tritanopia

54.7608, 0.3096, 0.3112

Trichromacy



Original Color

54.9176, 0.3401, 0.3804

Protanomaly

54.6107, 0.3483, 0.3770

Deuteranomaly

54.6495, 0.3582, 0.3684

Tritanomaly

54.8465, 0.3204, 0.3363

Monochromacy



Original Color

54.9176, 0.3401, 0.3804

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.7948, 0.3232, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9176, 0.3401, 0.3804 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(195, 199, 158)` looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 158)  
}
```

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(195, 199, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 158) }
```

Border

The CSS property to change the border of an element to Yxy 54.9176, 0.3401, 0.3804 is called "border". The border property can be set on classes, ids or directly on the HTML element.

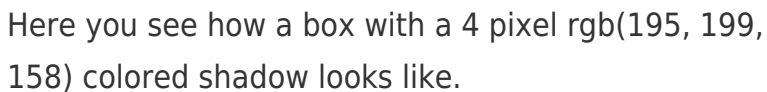
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 199, 158) }
```

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

```
.border{ border-color:rgb(195, 199, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 199, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 199, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 199, 158); box-shadow:4px 4px 4px 4px rgb(195, 199, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9176, 0.3401, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 158) }
```

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

```
.background{ background-color: rgb(195,  
199, 158) }
```

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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