

Converting Colors

Yxy(55.0101, 0.3458, 0.3798)

Have a look what the booklet for
Yxy(55.0101, 0.3458, 0.3798)
contains.

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Color

Yxy(55.1018, 0.3453, 0.3798)

Conversions

Conversions Part 1

Format	Color
Hex	C8C69D
RGB	200, 198, 157
RGB Percent	78%, 78%, 62%
CMY	0.2157, 0.2235, 0.3844
CMYK	0.00, 0.01, 0.22, 0.22
HSL	57°, 28%, 70%
HSV	57°, 22%, 78%
XYZ	50.0965, 55.1018, 39.8828
YIQ	193.9240, 14.3530, -12.3270

Conversions

Conversions Part 2

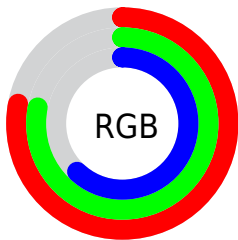
Format	Color
RYB	159, 200, 157
Decimal	13158045
CIELab	79.10, -6.03, 20.87
CIELCh	79, 21.719, 106.110
Yxy	55.1018, 0.3453, 0.3798
Android (android.graphics.Color)	4291348125 (0xFFC8C69D)
YUV	193.9240, -18.2035, 5.3287
Hunter-Lab	74.2306, -9.4380, 20.1059

Details

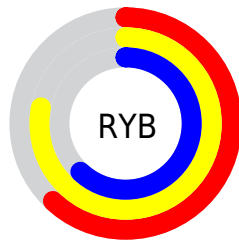
The Yxy color **55.1018, 0.3453, 0.3798** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.1195, 0.2771, 0.2726**, and the grayscale version is **54.0046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **27.0774, 0.3545, 0.3938** is the 20% darker color. If you saturate the color by 10%, you get **54.0553, 0.3608, 0.4036**, and if you desaturate by 10%, it is **56.2676, 0.3299, 0.3559**.

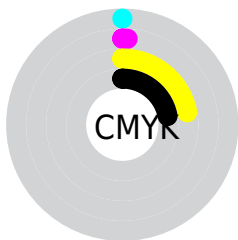
Distribution



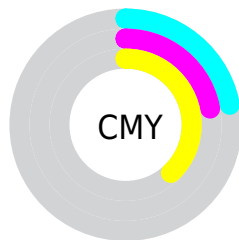
- Red (78%)
- Green (78%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (22%)
- Black (22%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1018, 0.3453, 0.3798 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 55.1018, 0.3453, 0.3798 by changing the saturation by 10% instead.


 55.1018, 0.3453,
0.3798


 55.1018, 0.3453,
0.3798


406.2977, 0.3297,
0.3549

 39.4832, 0.3490,
0.3859


 97.6901, 0.3398,
0.3709

 27.1359, 0.3535,
0.3935


 125.4286, 0.3377,
0.3675

 17.6753, 0.3594,
0.4035


157.9759, 0.3359,
0.3646

 10.7171, 0.3670,
0.4171

195.7163, 0.3343,
0.3621

 5.8769, 0.3774,
0.4364

239.0344, 0.3329,
0.3599

 2.7704, 0.3921,
0.4660

288.3143, 0.3317,

 1.0131, 0.4444,

0.3580

0.5556

343.9406, 0.3307,
0.3564

0.0000, 0.0000,
0.0000

55.1018, 0.3453,
0.3798

55.1018, 0.3453,
0.3798

54.0553, 0.3608,
0.4036

56.2676, 0.3299,
0.3559

53.1153, 0.3759,
0.4265

57.5504, 0.3149,
0.3325

52.2783, 0.3899,
0.4475

58.9574, 0.3007,
0.3101

51.5380, 0.4022,
0.4657

60.4931, 0.2875,
0.2891

50.8870, 0.4124,
0.4801

62.0340, 0.2764,
0.2716

■ 50.3171, 0.4201,
0.4904

■ 62.4704, 0.2765,
0.2726

■ 49.8185, 0.4251,
0.4963

■ 62.9094, 0.2765,
0.2737

■ 49.4357, 0.4276,
0.4986

■ 63.3511, 0.2766,
0.2747

■ 63.7953, 0.2767,
0.2757

Harmonies

Analogous

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



55.1018, 0.3646, 0.3693



55.1018, 0.3453, 0.3798



55.1018, 0.3178, 0.3758

Triad

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



55.1018, 0.3453, 0.3798



55.1018, 0.2589, 0.3048



55.1018, 0.3347, 0.3030

Complementary

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



55.1018, 0.3453, 0.3798



36.1195, 0.2771, 0.2726

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.



55.1018, 0.3056, 0.2873



55.1018, 0.3453, 0.3798



55.1018, 0.2628, 0.2874

Square

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



55.1018, 0.3453, 0.3798



55.1018, 0.2685, 0.3305



55.1018, 0.2795, 0.2815



55.1018, 0.3586, 0.3251

Rectangle

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



55.1018, 0.3453, 0.3798



55.1018, 0.2987, 0.3647



55.1018, 0.2795, 0.2815



55.1018, 0.3251, 0.2968

Sweetspot

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



55.1043, 0.3453, 0.3798



98.6035, 0.3217, 0.3431



38.8926, 0.3536, 0.3263



21.0737, 0.3227, 0.3446



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.



55.1043, 0.3453, 0.3798



94.5034, 0.3529, 0.3915



53.5196, 0.3287, 0.3849



12.3298, 0.3266, 0.3508



31.4721, 0.4275, 0.4987



1.5167, 0.4257, 0.5002

Inverse Universe

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



36.1195, 0.2771, 0.2726



55.5950, 0.2678, 0.2578



37.5455, 0.2937, 0.2725



10.3647, 0.2983, 0.3062



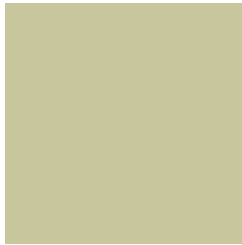
2.8151, 0.1509, 0.0633



0.1613, 0.1542, 0.0750

Previews

White Background



This preview shows how the Yxy color 55.1018, 0.3453, 0.3798 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 55.1018, 0.3453, 0.3798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

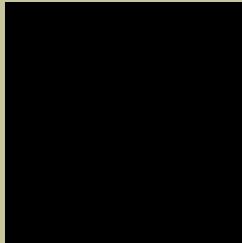
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

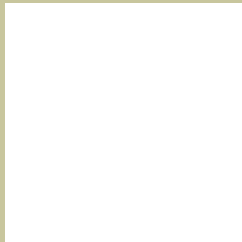
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1018, 0.3453, 0.3798

Background



This preview shows how black text looks on a background with the Yxy color 55.1018, 0.3453, 0.3798.



This preview shows how white text looks on a background with the Yxy color 55.1018, 0.3453, 0.3798.

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

55.1018, 0.3453, 0.3798

Protanopia

54.8404, 0.3537, 0.3764

Deuteranopia

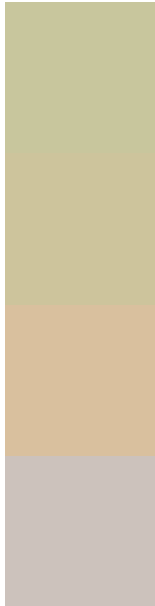
54.8005, 0.3700, 0.3626



Tritanopia

54.8396, 0.3135, 0.3114

Trichromacy



Original Color

55.1018, 0.3453, 0.3798

Protanomaly

54.8593, 0.3508, 0.3780

Deuteranomaly

54.9196, 0.3608, 0.3694

Tritanomaly

55.0518, 0.3254, 0.3363

Monochromacy



Original Color

55.1018, 0.3453, 0.3798

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.1022, 0.3240, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1018, 0.3453, 0.3798 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(200, 198, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 198, 157)  
}
```

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(200, 198, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 198, 157) }
```

Border

The CSS property to change the border of an element to Yxy 55.1018, 0.3453, 0.3798 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(200, 198, 157) }
```

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

```
.border{ border-color:rgb(200, 198, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 198, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 198, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 198, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 198,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1018, 0.3453, 0.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 198, 157) }
```

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

```
.background{ background-color: rgb(200,  
198, 157) }
```

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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