

Converting Colors

Yxy(58.0563, 0.3524, 0.3941)

Have a look what the booklet for
Yxy(58.0563, 0.3524, 0.3941)
contains.

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Color

Yxy(58.2251, 0.3524, 0.3945)

Conversions

Conversions Part 1

Format	Color
Hex	C4CC96
RGB	204, 204, 150
RGB Percent	80%, 80%, 59%
CMY	0.1998, 0.2000, 0.4117
CMYK	0.00, 0.00, 0.26, 0.20
HSL	60°, 35%, 69%
HSV	60°, 26%, 80%
XYZ	52.0115, 58.2251, 37.3556
YIQ	197.8440, 17.3340, -16.7940

Conversions

Conversions Part 2

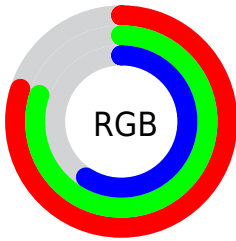
Format	Color
RYB	150, 204, 150
Decimal	13421718
CIELab	80.86, -8.55, 27.00
CIELCh	81, 28.316, 107.569
Yxy	58.2251, 0.3524, 0.3945
Android (android.graphics.Color)	4291611798 (0xFFCCCC96)
YUV	197.8440, -23.5871, 5.3988
Hunter-Lab	76.3054, -11.8648, 24.3881

Details

The Yxy color **58.2251, 0.3524, 0.3945** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.6851, 0.2672, 0.2539**, and the grayscale version is **56.5165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **29.1031, 0.3613, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **57.6145, 0.3671, 0.4188**, and if you desaturate by 10%, it is **58.9554, 0.3373, 0.3695**.

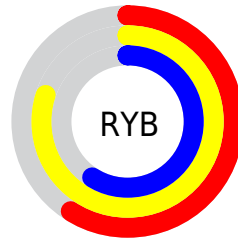
Distribution



Red (80%)

Green (80%)

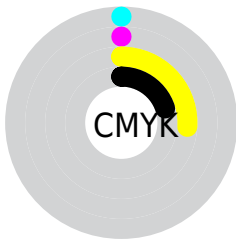
Blue (59%)



Red (59%)

Yellow (80%)

Blue (59%)

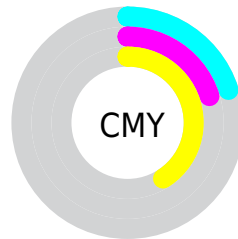


Cyan (0%)

Magenta (0%)

Yellow (26%)

Black (20%)



Cyan (20%)


Magenta (20%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2251, 0.3524, 0.3945 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 58.2251, 0.3524, 0.3945 by changing the saturation by 10% instead.


 58.2251, 0.3524,
0.3945

 58.2251, 0.3524,
0.3945


418.0242, 0.3338,
0.3626

 41.9896, 0.3566,
0.4021

 102.2506, 0.3459,
0.3831

 29.0932, 0.3619,
0.4118


 130.8094, 0.3434,
0.3788

 19.1513, 0.3684,
0.4242


164.2448, 0.3412,
0.3751

 11.7797, 0.3766,
0.4408

202.9412, 0.3394,
0.3719

 6.5938, 0.3872,
0.4637

247.2829, 0.3377,
0.3691

 3.2094, 0.4024,
0.4998

297.6544, 0.3362,

 1.2420, 0.4302,

0.3667

0.5698

354.4400, 0.3349,
0.3645

■ 0.0956, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2251, 0.3524,
0.3945

■ 58.2251, 0.3524,
0.3945

■ 57.6145, 0.3671,
0.4188

■ 58.9554, 0.3373,
0.3695

■ 57.1099, 0.3809,
0.4416

■ 59.8030, 0.3222,
0.3447

■ 56.7073, 0.3932,
0.4618

■ 60.7758, 0.3077,
0.3207

■ 56.3997, 0.4034,
0.4786

■ 61.8786, 0.2939,
0.2979

■ 56.1788, 0.4111,
0.4913

■ 63.1159, 0.2810,
0.2766

■ 56.0355, 0.4162,
0.4997

■ 63.3171, 0.2792,
0.2737

■ 55.9574, 0.4189,
0.5040

■ 63.3290, 0.2792,
0.2737

■ 55.9375, 0.4195,
0.5051

■ 63.3410, 0.2792,
0.2738

■ 63.3530, 0.2792,
0.2738

Harmonies

Analogous

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



58.2251, 0.3781, 0.3809



58.2251, 0.3524, 0.3945



58.2251, 0.3169, 0.3889

Triad

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



58.2251, 0.3524, 0.3945



58.2251, 0.2446, 0.2961



58.2251, 0.3424, 0.2972

Complementary

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



58.2251, 0.3524, 0.3945



32.6851, 0.2672, 0.2539

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.



58.2251, 0.3051, 0.2772



58.2251, 0.3524, 0.3945



58.2251, 0.2503, 0.2752

Square

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



58.2251, 0.3524, 0.3945



58.2251, 0.2556, 0.3287



58.2251, 0.2717, 0.2690



58.2251, 0.3728, 0.3250

Rectangle

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



58.2251, 0.3524, 0.3945



58.2251, 0.2928, 0.3740



58.2251, 0.2717, 0.2690



58.2251, 0.3302, 0.2895

Sweetspot

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



58.2277, 0.3524, 0.3945



98.7390, 0.3246, 0.3487



36.8931, 0.3681, 0.3280



21.0867, 0.3269, 0.3524



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.



58.2277, 0.3524, 0.3945



95.7485, 0.3612, 0.4091



54.8714, 0.3309, 0.3994



13.0943, 0.3266, 0.3519



35.1876, 0.4195, 0.5051



1.8161, 0.4195, 0.5051

Inverse Universe

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



32.6851, 0.2672, 0.2539



46.2294, 0.2552, 0.2341



35.4243, 0.2900, 0.2584



10.8462, 0.2982, 0.3051



2.7484, 0.1500, 0.0601



0.1426, 0.1501, 0.0604

Previews

White Background



This preview shows how the Yxy color 58.2251, 0.3524, 0.3945 looks on a white background.

Color Contrast Check

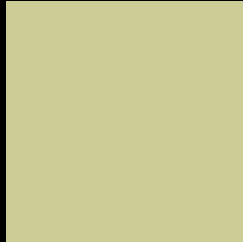
Large Text (above 18pt) WCAG AA × Fail

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 58.2251, 0.3524, 0.3945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

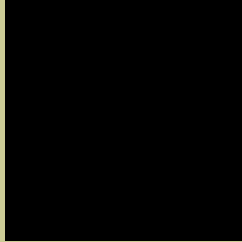
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

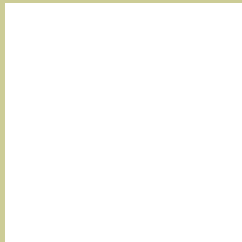
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2251, 0.3524, 0.3945

Background



This preview shows how black text looks on a background with the Yxy color 58.2251, 0.3524, 0.3945.



This preview shows how white text looks on a background with the Yxy color 58.2251, 0.3524, 0.3945.

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

58.2251, 0.3524, 0.3945

Protanopia

57.8937, 0.3644, 0.3905

Deuteranopia

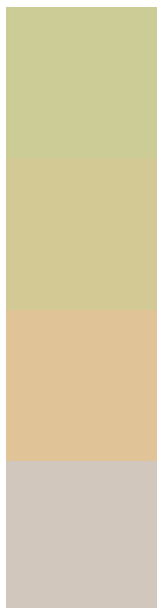
57.7991, 0.3822, 0.3737



Tritanopia

58.1801, 0.3143, 0.3118

Trichromacy



Original Color

58.2251, 0.3524, 0.3945

Protanomaly

57.7921, 0.3599, 0.3911

Deuteranomaly

57.5615, 0.3711, 0.3810

Tritanomaly

58.0763, 0.3281, 0.3408

Monochromacy



Original Color

58.2251, 0.3524, 0.3945

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9241, 0.3267, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2251, 0.3524, 0.3945 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(204, 204, 150)` looks like.

```
.text, #text, p{  
    color:rgb(204, 204, 150)  
}
```

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(204, 204, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 204, 150) }
```

Border

The CSS property to change the border of an element to Yxy 58.2251, 0.3524, 0.3945 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(204, 204, 150) }
```

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

```
.border{ border-color:rgb(204, 204, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 204, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 204, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 204, 150);  
box-shadow:4px 4px 4px 4px rgb(204, 204,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2251, 0.3524, 0.3945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 204, 150) }
```

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

```
.background{ background-color: rgb(204,  
204, 150) }
```

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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