

Converting Colors

Yxy(58.5562, 0.3532, 0.3998)

Have a look what the booklet for
Yxy(58.5562, 0.3532, 0.3998)
contains.

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Color

Yxy(58.4657, 0.3534, 0.3995)

Conversions

Conversions Part 1

Format	Color
Hex	CBCD93
RGB	203, 205, 147
RGB Percent	80%, 80%, 58%
CMY	0.2041, 0.1960, 0.4235
CMYK	0.01, 0.00, 0.28, 0.20
HSL	62°, 37%, 69%
HSV	62°, 28%, 80%
XYZ	51.7191, 58.4657, 36.1624
YIQ	197.7900, 17.4260, -18.4620

Conversions

Conversions Part 2

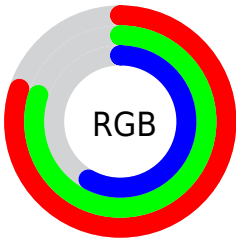
Format	Color
R_{YB}	147, 205, 149
Decimal	13356435
CIE _{Lab}	81.00, -9.89, 28.73
CIE _{LCh}	81, 30.387, 108.993
Yxy	58.4657, 0.3534, 0.3995
Android (android.graphics.Color)	4291546515 (0xFFCBCD93)
YUV	197.7900, -25.0395, 4.5692
Hunter-Lab	76.4629, -13.0735, 25.4834

Details

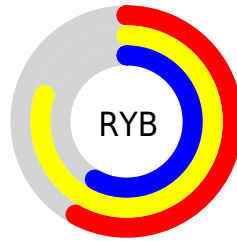
The Yxy color **58.4657, 0.3534, 0.3995** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.6706, 0.2653, 0.2482**, and the grayscale version is **56.4831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **29.2736, 0.3625, 0.4179** is the 20% darker color. If you saturate the color by 10%, you get **57.7795, 0.3674, 0.4240**, and if you desaturate by 10%, it is **59.2723, 0.3389, 0.3743**.

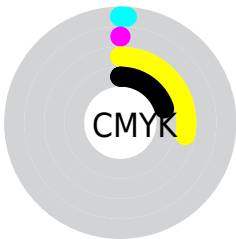
Distribution



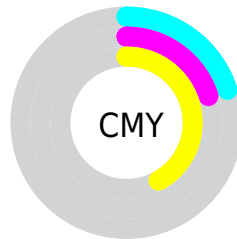
- Red (80%)
- Green (80%)
- Blue (58%)



- Red (58%)
- Yellow (80%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (28%)
- Black (20%)




- Cyan (20%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4657, 0.3534, 0.3995 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 58.4657, 0.3534, 0.3995 by changing the saturation by 10% instead.

 58.4657, 0.3534,
0.3995


 58.4657, 0.3534,
0.3995


418.9190, 0.3344,
0.3651

 42.1832, 0.3577,
0.4077

 102.6007, 0.3468,
0.3872

 29.2447, 0.3629,
0.4181


 131.2220, 0.3443,
0.3826

 19.2660, 0.3694,
0.4314


164.7249, 0.3421,
0.3786

 11.8627, 0.3775,
0.4492

203.4940, 0.3401,
0.3752

 6.6502, 0.3875,
0.4738

247.9135, 0.3384,
0.3722

 3.2443, 0.4032,
0.5140

298.3679, 0.3369,

 1.2606, 0.4213,

0.3695

0.5787

355.2416, 0.3356,
0.3672

■ 0.1104, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4657, 0.3534,
0.3995

■ 58.4657, 0.3534,
0.3995

■ 57.7795, 0.3674,
0.4240

■ 59.2723, 0.3389,
0.3743

■ 57.1997, 0.3803,
0.4470


■ 60.1972, 0.3245,
0.3492

■ 56.7224, 0.3915,
0.4673

■ 61.2481, 0.3104,
0.3249

■ 56.3401, 0.4006,
0.4841


■ 62.4300, 0.2969,
0.3019

 56.0445, 0.4072,
0.4968

 63.7477, 0.2843,
0.2804


 55.8257, 0.4112,
0.5051


 64.2008, 0.2815,
0.2750

 55.6688, 0.4129,
0.5096

 64.3056, 0.2819,
0.2751

 55.6444, 0.4131,
0.5102

 64.4109, 0.2824,
0.2752

 64.5167, 0.2829,
0.2752

Harmonies

Analogous

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



58.4657, 0.3818, 0.3854



58.4657, 0.3534, 0.3995



58.4657, 0.3151, 0.3927

Triad

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



58.4657, 0.3534, 0.3995



58.4657, 0.2399, 0.2922



58.4657, 0.3463, 0.2963

Complementary

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



58.4657, 0.3534, 0.3995



31.6706, 0.2653, 0.2482

Split Complementary

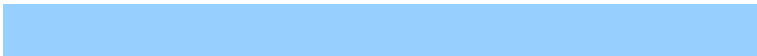
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.4657, 0.3063, 0.2746



58.4657, 0.3534, 0.3995



58.4657, 0.2468, 0.2708

Square

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



58.4657, 0.3534, 0.3995



58.4657, 0.2508, 0.3267



58.4657, 0.2703, 0.2651



58.4657, 0.3783, 0.3260

Rectangle

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



58.4657, 0.3534, 0.3995



58.4657, 0.2895, 0.3760



58.4657, 0.2703, 0.2651



58.4657, 0.3332, 0.2879

Sweetspot

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



58.4683, 0.3534, 0.3995



98.6185, 0.3242, 0.3487



36.5622, 0.3736, 0.3317



21.0561, 0.3264, 0.3525



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.



58.4683, 0.3534, 0.3995



95.0416, 0.3621, 0.4147



54.7840, 0.3297, 0.4052



13.0757, 0.3260, 0.3519



34.6439, 0.4132, 0.5101



1.7937, 0.4145, 0.5091

Inverse Universe

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



31.6706, 0.2653, 0.2482



44.0352, 0.2531, 0.2275



34.7343, 0.2907, 0.2537



10.8626, 0.2988, 0.3051



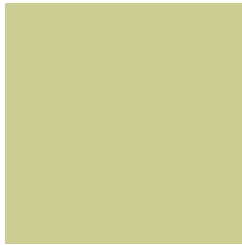
2.7818, 0.1512, 0.0607



0.1503, 0.1554, 0.0630

Previews

White Background



This preview shows how the Yxy color 58.4657, 0.3534, 0.3995 looks on a white background.

Color Contrast Check

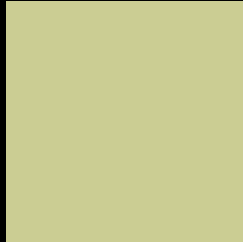
Large Text (above 18pt) WCAG AA × Fail

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 58.4657, 0.3534, 0.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

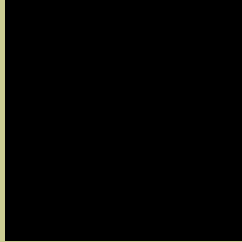
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

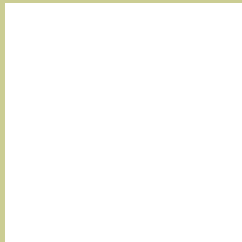
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4657, 0.3534, 0.3995

Background



This preview shows how black text looks on a background with the Yxy color 58.4657, 0.3534, 0.3995.



This preview shows how white text looks on a background with the Yxy color 58.4657, 0.3534, 0.3995.

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

58.4657, 0.3534, 0.3995

Protanopia

58.4166, 0.3672, 0.3949

Deuteranopia

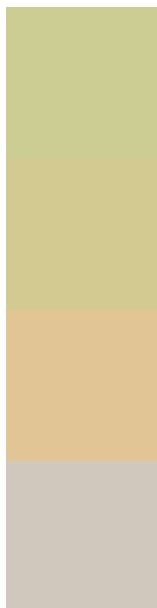
58.3465, 0.3843, 0.3769



Tritanopia

58.5349, 0.3127, 0.3118

Trichromacy



Original Color

58.4657, 0.3534, 0.3995

Protanomaly

58.1653, 0.3618, 0.3958

Deuteranomaly

58.1100, 0.3732, 0.3843

Tritanomaly

58.3493, 0.3279, 0.3432

Monochromacy



Original Color

58.4657, 0.3534, 0.3995

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.3073, 0.3281, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4657, 0.3534, 0.3995 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(203, 205, 147)` looks like.

```
.text, #text, p{  
    color:rgb(203, 205, 147)  
}
```

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(203, 205, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 205, 147) }
```

Border

The CSS property to change the border of an element to Yxy 58.4657, 0.3534, 0.3995 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(203, 205, 147) }
```

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

```
.border{ border-color:rgb(203, 205, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 205, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 205, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 205, 147);  
box-shadow:4px 4px 4px 4px rgb(203, 205,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4657, 0.3534, 0.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 205, 147) }
```

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

```
.background{ background-color: rgb(203,  
205, 147) }
```

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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