

Converting Colors

Yxy(63.4909, 0.3434, 0.3900)

Have a look what the booklet for
Yxy(63.4909, 0.3434, 0.3900)
contains.

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Color

Yxy(63.3189, 0.3431, 0.3895)

Conversions

Conversions Part 1

Format	Color
Hex	CED5A2
RGB	206, 213, 162
RGB Percent	81%, 84%, 64%
CMY	0.1920, 0.1647, 0.3647
CMYK	0.03, 0.00, 0.24, 0.16
HSL	68°, 38%, 74%
HSV	68°, 24%, 84%
XYZ	55.7759, 63.3189, 43.4698
YIQ	205.0930, 12.1990, -17.3450

Conversions

Conversions Part 2

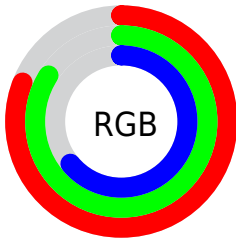
Format	Color
RYB	162, 213, 169
Decimal	13555106
CIELab	83.61, -10.75, 24.47
CIElCh	84, 26.729, 113.706
Yxy	63.3189, 0.3431, 0.3895
Android (android.graphics.Color)	4291745186 (0xFFCED5A2)
YUV	205.0930, -21.2448, 0.7954
Hunter-Lab	79.5732, -14.1355, 23.3119

Details

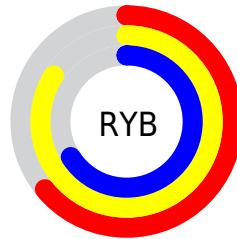
The Yxy color **63.3189, 0.3431, 0.3895** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0822, 0.2777, 0.2628**, and the grayscale version is **61.2490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **32.1588, 0.3499, 0.4047** is the 20% darker color. If you saturate the color by 10%, you get **62.2143, 0.3555, 0.4155**, and if you desaturate by 10%, it is **64.5652, 0.3303, 0.3636**.

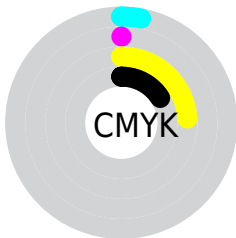
Distribution



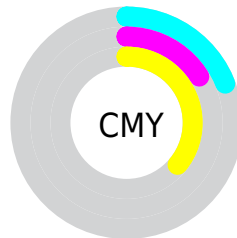
- Red (81%)
- Green (84%)
- Blue (64%)



- Red (64%)
- Yellow (84%)
- Blue (66%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)





- Cyan (19%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3189, 0.3431, 0.3895 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 63.3189, 0.3431, 0.3895 by changing the saturation by 10% instead.


 63.3189, 0.3431,
0.3895

 63.3189, 0.3431,
0.3895


436.7259, 0.3291,
0.3603

 46.0992, 0.3462,
0.3965


 109.6295, 0.3383,
0.3791

 32.3241, 0.3501,
0.4052


 139.4891, 0.3364,
0.3752

 21.6092, 0.3548,
0.4164


174.3310, 0.3348,
0.3718

 13.5700, 0.3608,
0.4315

214.5393, 0.3333,
0.3689

 7.8222, 0.3684,
0.4524

260.4986, 0.3321,
0.3663

 3.9814, 0.3779,
0.4832

312.5932, 0.3310,

 1.6632, 0.4220,

0.3641

0.5780

371.2075, 0.3300,
0.3621

0.3996, 0.2272,
0.7728

0.0000, 0.0000,
0.0000

63.3189, 0.3431,
0.3895

63.3189, 0.3431,
0.3895

62.2143, 0.3555,
0.4155

64.5652, 0.3303,
0.3636

61.2363, 0.3671,
0.4406

65.9507, 0.3176,
0.3385

60.3809, 0.3773,
0.4640

67.4840, 0.3053,
0.3147

59.6401, 0.3856,
0.4844

69.1703, 0.2936,
0.2925

■ 59.0052, 0.3915,
0.5011

■ 70.1138, 0.2908,
0.2850

■ 58.4662, 0.3948,
0.5134

■ 70.5736, 0.2927,
0.2852

■ 58.0108, 0.3956,
0.5212

■ 71.0414, 0.2947,
0.2855

■ 57.7628, 0.3952,
0.5244

■ 71.5172, 0.2967,
0.2858

■ 72.0010, 0.2987,
0.2860

Harmonies

Analogous

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



63.3189, 0.3692, 0.3806



63.3189, 0.3431, 0.3895



63.3189, 0.3098, 0.3803

Triad

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



63.3189, 0.3431, 0.3895



63.3189, 0.2497, 0.2940



63.3189, 0.3466, 0.3045

Complementary

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



63.3189, 0.3431, 0.3895



39.0822, 0.2777, 0.2628

Split Complementary

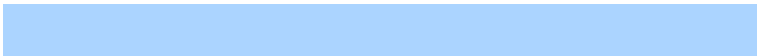
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.3189, 0.3128, 0.2842



63.3189, 0.3431, 0.3895



63.3189, 0.2581, 0.2772

Square

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



63.3189, 0.3431, 0.3895



63.3189, 0.2568, 0.3222



63.3189, 0.2806, 0.2742



63.3189, 0.3717, 0.3312

Rectangle

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



63.3189, 0.3431, 0.3895



63.3189, 0.2881, 0.3646



63.3189, 0.2806, 0.2742



63.3189, 0.3358, 0.2968

Sweetspot

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



63.3217, 0.3431, 0.3895



98.4434, 0.3216, 0.3463



45.0604, 0.3603, 0.3375



21.0433, 0.3223, 0.3478



0.0000, 0.0000, 0.0000



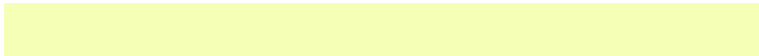
21.4041, 0.3127, 0.3290

Same Dimension

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



63.3217, 0.3431, 0.3895



94.2514, 0.3498, 0.4035



59.9843, 0.3234, 0.3935



14.4299, 0.3246, 0.3522



35.3184, 0.3956, 0.5241



2.1545, 0.3999, 0.5207

Inverse Universe

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



39.0822, 0.2777, 0.2628



51.3849, 0.2684, 0.2458



42.1587, 0.2991, 0.2668



12.0893, 0.3002, 0.3050



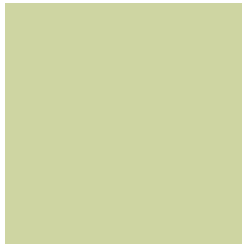
3.1209, 0.1556, 0.0631



0.2152, 0.1685, 0.0702

Previews

White Background



This preview shows how the Yxy color 63.3189, 0.3431, 0.3895 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 63.3189, 0.3431, 0.3895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

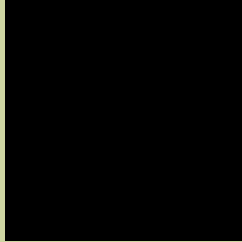
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

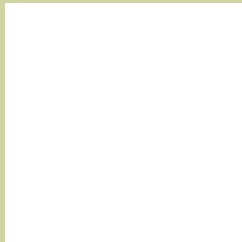
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3189, 0.3431, 0.3895

Background



This preview shows how black text looks on a background with the Yxy color 63.3189, 0.3431, 0.3895.



This preview shows how white text looks on a background with the Yxy color 63.3189, 0.3431, 0.3895.

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

63.3189, 0.3431, 0.3895

Protanopia

63.1794, 0.3587, 0.3840

Deuteranopia

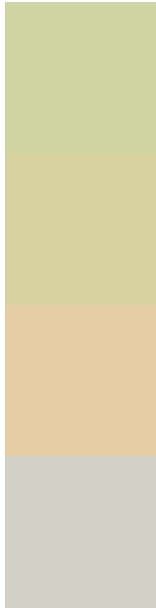
63.0799, 0.3748, 0.3670



Tritanopia

63.1792, 0.3083, 0.3111

Trichromacy



Original Color

63.3189, 0.3431, 0.3895

Protanomaly

63.2653, 0.3525, 0.3859

Deuteranomaly

63.1660, 0.3632, 0.3750

Tritanomaly

63.1308, 0.3206, 0.3382

Monochromacy



Original Color

63.3189, 0.3431, 0.3895

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.7650, 0.3239, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3189, 0.3431, 0.3895 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(206, 213, 162)` looks like.

```
.text, #text, p{  
    color:rgb(206, 213, 162)  
}
```

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(206, 213, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 213, 162) }
```

Border

The CSS property to change the border of an element to Yxy 63.3189, 0.3431, 0.3895 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(206, 213, 162) }
```

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

```
.border{ border-color:rgb(206, 213, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 213, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 213, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 213, 162);  
box-shadow:4px 4px 4px 4px rgb(206, 213,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3189, 0.3431, 0.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 213, 162) }
```

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

```
.background{ background-color: rgb(206,  
213, 162) }
```

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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