

Converting Colors

Yxy(61.4370, 0.3443, 0.3902)

Have a look what the booklet for
Yxy(61.4370, 0.3443, 0.3902)
contains.

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Color

Yxy(61.4338, 0.3443, 0.3902)

Conversions

Conversions Part 1

Format	Color
Hex	CCD29F
RGB	204, 210, 159
RGB Percent	80%, 82%, 62%
CMY	0.2000, 0.1765, 0.3765
CMYK	0.03, 0.00, 0.24, 0.18
HSL	67°, 36%, 72%
HSV	67°, 24%, 82%
XYZ	54.2072, 61.4338, 41.8008
YIQ	202.3920, 12.7950, -17.1330

Conversions

Conversions Part 2

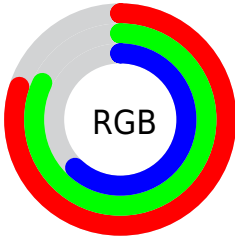
Format	Color
RYB	159, 210, 165
Decimal	13423263
CIELab	82.61, -10.40, 24.66
CIELCh	83, 26.767, 112.874
Yxy	61.4338, 0.3443, 0.3902
Android (android.graphics.Color)	4291613343 (0xFFCCD29F)
YUV	202.3920, -21.3923, 1.4102
Hunter-Lab	78.3797, -13.7143, 23.2458

Details

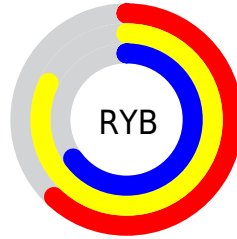
The Yxy color **61.4338, 0.3443, 0.3902** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.4488, 0.2763, 0.2617**, and the grayscale version is **59.4524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **31.2280, 0.3513, 0.4072** is the 20% darker color. If you saturate the color by 10%, you get **60.4220, 0.3571, 0.4160**, and if you desaturate by 10%, it is **62.5805, 0.3312, 0.3644**.

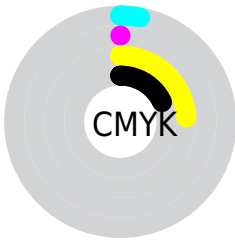
Distribution



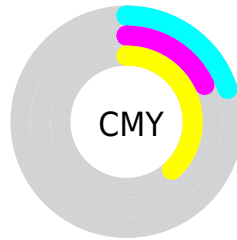
- Red (80%)
- Green (82%)
- Blue (62%)



- Red (62%)
- Yellow (82%)
- Blue (65%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)





- Cyan (20%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4338, 0.3443, 0.3902 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 61.4338, 0.3443, 0.3902 by changing the saturation by 10% instead.


 61.4338, 0.3443,
0.3902

 61.4338, 0.3443,
0.3902


429.8628, 0.3297,
0.3605

 44.5754, 0.3476,
0.3973


 106.9068, 0.3392,
0.3796

 31.1231, 0.3516,
0.4062


 136.2901, 0.3373,
0.3756

 20.6926, 0.3566,
0.4178


170.6172, 0.3356,
0.3722

 12.8995, 0.3630,
0.4332

210.2725, 0.3341,
0.3692

 7.3594, 0.3711,
0.4548

255.6402, 0.3328,
0.3666

 3.6878, 0.3811,
0.4867

307.1050, 0.3316,

 1.5005, 0.4218,

0.3643

0.5782

365.0510, 0.3306,
0.3623

0.2891, 0.0671,
0.9329

0.0000, 0.0000,
0.0000

61.4338, 0.3443,
0.3902

61.4338, 0.3443,
0.3902

60.4220, 0.3571,
0.4160

62.5805, 0.3312,
0.3644

59.5306, 0.3690,
0.4408

63.8597, 0.3182,
0.3394

58.7554, 0.3794,
0.4637

65.2796, 0.3056,
0.3156

58.0890, 0.3880,
0.4837

66.8453, 0.2936,
0.2933

■ 57.5230, 0.3942,
0.4998

■ 67.9684, 0.2878,
0.2814

■ 57.0474, 0.3977,
0.5116

■ 68.3483, 0.2895,
0.2816

■ 56.6506, 0.3988,
0.5189

■ 68.7339, 0.2912,
0.2818

■ 56.4473, 0.3986,
0.5217

■ 69.1252, 0.2929,
0.2821

■ 69.5222, 0.2945,
0.2823

Harmonies

Analogous

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



61.4338, 0.3703, 0.3807



61.4338, 0.3443, 0.3902



61.4338, 0.3107, 0.3815

Triad

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



61.4338, 0.3443, 0.3902



61.4338, 0.2490, 0.2942



61.4338, 0.3461, 0.3036

Complementary

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



61.4338, 0.3443, 0.3902



37.4488, 0.2763, 0.2617

Split Complementary

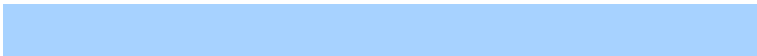
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.4338, 0.3118, 0.2832



61.4338, 0.3443, 0.3902



61.4338, 0.2571, 0.2769

Square

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



61.4338, 0.3443, 0.3902



61.4338, 0.2566, 0.3230



61.4338, 0.2795, 0.2735



61.4338, 0.3719, 0.3304

Rectangle

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



61.4338, 0.3443, 0.3902



61.4338, 0.2887, 0.3659



61.4338, 0.2795, 0.2735



61.4338, 0.3351, 0.2959

Sweetspot

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



61.4365, 0.3443, 0.3902



98.5072, 0.3218, 0.3463



43.0978, 0.3614, 0.3365



21.0581, 0.3226, 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.



61.4365, 0.3443, 0.3902



94.5057, 0.3508, 0.4032



58.1288, 0.3242, 0.3943



13.7241, 0.3248, 0.3521



34.4592, 0.3989, 0.5215



1.9472, 0.4029, 0.5183

Inverse Universe

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



37.4488, 0.2763, 0.2617



51.2028, 0.2674, 0.2456



40.4551, 0.2981, 0.2658



11.4833, 0.3000, 0.3051



2.9849, 0.1546, 0.0625



0.1897, 0.1668, 0.0693

Previews

White Background



This preview shows how the Yxy color 61.4338, 0.3443, 0.3902 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 61.4338, 0.3443, 0.3902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

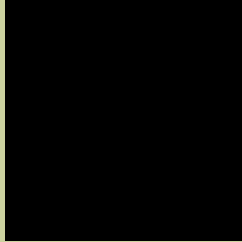
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

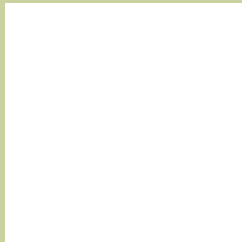
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4338, 0.3443, 0.3902

Background



This preview shows how black text looks on a background with the Yxy color 61.4338, 0.3443, 0.3902.



This preview shows how white text looks on a background with the Yxy color 61.4338, 0.3443, 0.3902.

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

61.4338, 0.3443, 0.3902

Protanopia

61.3126, 0.3602, 0.3845

Deuteranopia

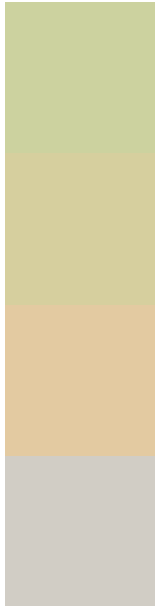
61.0664, 0.3757, 0.3675



Tritanopia

61.3001, 0.3090, 0.3109

Trichromacy



Original Color

61.4338, 0.3443, 0.3902

Protanomaly

61.3904, 0.3539, 0.3865

Deuteranomaly

61.1452, 0.3639, 0.3756

Tritanomaly

61.2492, 0.3215, 0.3383

Monochromacy



Original Color

61.4338, 0.3443, 0.3902

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.9043, 0.3248, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4338, 0.3443, 0.3902 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, 210, 159)` looks like.

```
.text, #text, p{  
    color:rgb(204, 210, 159)  
}
```

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, 210, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 210, 159) }
```

Border

The CSS property to change the border of an element to Yxy 61.4338, 0.3443, 0.3902 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, 210, 159) }
```

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

```
.border{ border-color:rgb(204, 210, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 210, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 210, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 210, 159);  
box-shadow:4px 4px 4px 4px rgb(204, 210,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4338, 0.3443, 0.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 210, 159) }
```

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

```
.background{ background-color: rgb(204,  
210, 159) }
```

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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