

Converting Colors

$Yxy(59.8376, 0.3454, 0.3830)$

Have a look what the booklet for
Yxy(59.8376, 0.3454, 0.3830)
contains.

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Color

Yxy(59.8376, 0.3454, 0.3830)

Conversions

Conversions Part 1

Format	Color
Hex	CECEA1
RGB	206, 206, 161
RGB Percent	81%, 81%, 63%
CMY	0.1921, 0.1922, 0.3685
CMYK	0.00, 0.00, 0.22, 0.19
HSL	60°, 31%, 72%
HSV	60°, 22%, 81%
XYZ	53.9632, 59.8376, 42.4331
YIQ	200.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

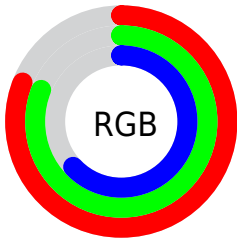
Format	Color
RYB	161, 206, 161
Decimal	13553313
CIELab	81.75, -7.31, 22.45
CIELCh	82, 23.609, 108.047
Yxy	59.8376, 0.3454, 0.3830
Android (android.graphics.Color)	4291743393 (0xFFCECEA1)
YUV	200.8700, -19.6559, 4.4990
Hunter-Lab	77.3548, -10.8480, 21.6247

Details

The Yxy color **59.8376, 0.3454, 0.3830** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.5413, 0.2762, 0.2686**, and the grayscale version is **58.4451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **30.1399, 0.3531, 0.3978** is the 20% darker color. If you saturate the color by 10%, you get **59.1675, 0.3604, 0.4078**, and if you desaturate by 10%, it is **60.6328, 0.3303, 0.3580**.

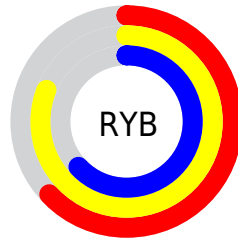
Distribution



Red (81%)

Green (81%)

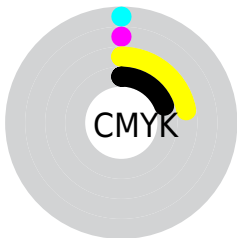
Blue (63%)



Red (63%)

Yellow (81%)

Blue (63%)

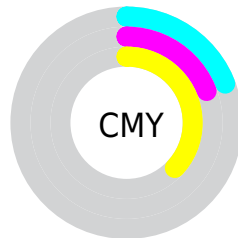


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (19%)



Cyan (19%)

Magenta (19%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8376, 0.3454, 0.3830 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 59.8376, 0.3454, 0.3830 by changing the saturation by 10% instead.

■ 59.8376, 0.3454,
0.3830

■ 59.8376, 0.3454,
0.3830

423.9989, 0.3300,
0.3568

■ 43.2877, 0.3489,
0.3893

■ 104.5941, 0.3400,
0.3737

■ 30.1110, 0.3533,
0.3972

■ 133.5694, 0.3380,
0.3701

■ 19.9228, 0.3588,
0.4074

167.4555, 0.3362,
0.3671

■ 12.3390, 0.3659,
0.4210

206.6365, 0.3346,
0.3645

■ 6.9750, 0.3754,
0.4402

251.4970, 0.3333,
0.3622

■ 3.4464, 0.3880,
0.4686

302.4213, 0.3321,

■ 1.3690, 0.4403,

0.3602

0.5597

359.7938, 0.3310,
0.3584

0.1937, 0.0280,
0.9720

0.0000, 0.0000,
0.0000

59.8376, 0.3454,
0.3830

59.8376, 0.3454,
0.3830

59.1675, 0.3604,
0.4078

60.6328, 0.3303,
0.3580

58.6086, 0.3747,
0.4314

61.5506, 0.3154,
0.3334

58.1573, 0.3877,
0.4529

62.5987, 0.3012,
0.3099

57.8065, 0.3989,
0.4714

63.7820, 0.2878,
0.2878

■ 57.5486, 0.4078,
0.4861

■ 64.5096, 0.2807,
0.2760

■ 57.3745, 0.4141,
0.4965

■ 64.5143, 0.2807,
0.2760

■ 57.2735, 0.4178,
0.5026

■ 64.5189, 0.2807,
0.2761

■ 57.2299, 0.4194,
0.5052

■ 64.5236, 0.2807,
0.2761

■ 64.5283, 0.2807,
0.2761

Harmonies

Analogous

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



59.8376, 0.3666, 0.3726



59.8376, 0.3454, 0.3830



59.8376, 0.3160, 0.3778

Triad

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



59.8376, 0.3454, 0.3830



59.8376, 0.2558, 0.3018



59.8376, 0.3378, 0.3029

Complementary

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



59.8376, 0.3454, 0.3830



37.5413, 0.2762, 0.2686

Split Complementary

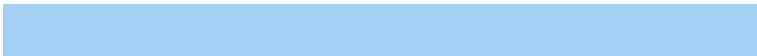
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.8376, 0.3071, 0.2858



59.8376, 0.3454, 0.3830



59.8376, 0.2608, 0.2842

Square

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



59.8376, 0.3454, 0.3830



59.8376, 0.2650, 0.3286



59.8376, 0.2792, 0.2789



59.8376, 0.3625, 0.3264

Rectangle

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



59.8376, 0.3454, 0.3830



59.8376, 0.2960, 0.3654



59.8376, 0.2792, 0.2789



59.8376, 0.3278, 0.2963

Sweetspot

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



59.8403, 0.3454, 0.3830



98.8978, 0.3231, 0.3462



41.2225, 0.3559, 0.3282



21.1489, 0.3240, 0.3477



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.



59.8403, 0.3454, 0.3830



96.4212, 0.3522, 0.3942



56.9497, 0.3278, 0.3862



13.0958, 0.3266, 0.3519



35.2334, 0.4194, 0.5052



1.8179, 0.4194, 0.5052

Inverse Universe

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



37.5413, 0.2762, 0.2686



54.2801, 0.2675, 0.2543



39.9937, 0.2946, 0.2717



10.8448, 0.2982, 0.3050



2.7457, 0.1500, 0.0600



0.1420, 0.1501, 0.0602

Previews

White Background



This preview shows how the Yxy color 59.8376, 0.3454, 0.3830 looks on a white background.

Color Contrast Check

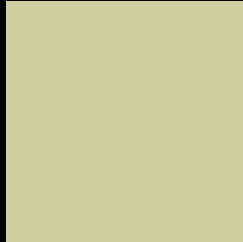
Large Text (above 18pt) WCAG AA × Fail

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 59.8376, 0.3454, 0.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

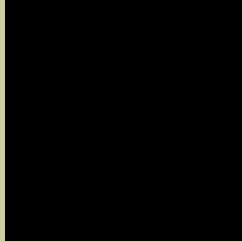
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

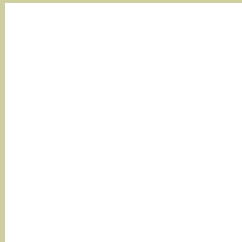
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8376, 0.3454, 0.3830

Background



This preview shows how black text looks on a background with the Yxy color 59.8376, 0.3454, 0.3830.



This preview shows how white text looks on a background with the Yxy color 59.8376, 0.3454, 0.3830.

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

59.8376, 0.3454, 0.3830

Protanopia

59.8489, 0.3552, 0.3794

Deuteranopia

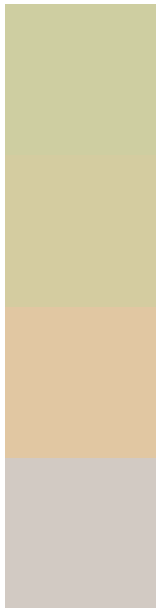
59.5074, 0.3721, 0.3647



Tritanopia

59.8480, 0.3127, 0.3119

Trichromacy



Original Color

59.8376, 0.3454, 0.3830

Protanomaly

59.7208, 0.3516, 0.3811

Deuteranomaly

59.4630, 0.3623, 0.3715

Tritanomaly

59.8828, 0.3241, 0.3372

Monochromacy



Original Color

59.8376, 0.3454, 0.3830

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.9536, 0.3250, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8376, 0.3454, 0.3830 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, 206, 161)` looks like.

```
.text, #text, p{  
    color:rgb(206, 206, 161)  
}
```

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, 206, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 206, 161) }
```

Border

The CSS property to change the border of an element to Yxy 59.8376, 0.3454, 0.3830 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, 206, 161) }
```

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

```
.border{ border-color:rgb(206, 206, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 206, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 206, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 206, 161); box-shadow:4px 4px 4px 4px rgb(206, 206, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8376, 0.3454, 0.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 206, 161) }
```

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

```
.background{ background-color: rgb(206,  
206, 161) }
```

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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