

Converting Colors

Yxy(59.1283, 0.3419, 0.3747)

Have a look what the booklet for
Yxy(59.1283, 0.3419, 0.3747)
contains.

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Color

Yxy(59.0607, 0.3421, 0.3747)

Conversions

Conversions Part 1

Format	Color
Hex	CECCA6
RGB	206, 204, 166
RGB Percent	81%, 80%, 65%
CMY	0.1923, 0.1999, 0.3490
CMYK	0.00, 0.01, 0.19, 0.19
HSL	57°, 29%, 73%
HSV	57°, 19%, 81%
XYZ	53.9222, 59.0607, 44.6384
YIQ	200.2660, 13.3900, -11.3940

Conversions

Conversions Part 2

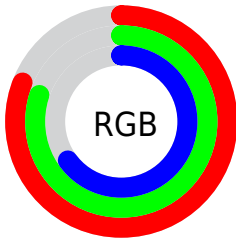
Format	Color
RYB	168, 206, 166
Decimal	13552806
CIELab	81.32, -5.59, 19.23
CIELCh	81, 20.022, 106.204
Yxy	59.0607, 0.3421, 0.3747
Android (android.graphics.Color)	4291742886 (0xFFCECCA6)
YUV	200.2660, -16.8931, 5.0287
Hunter-Lab	76.8510, -9.2452, 19.3575

Details

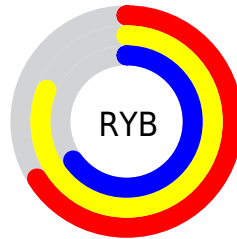
The Yxy color **59.0607, 0.3421, 0.3747** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.5520, 0.2809, 0.2788**, and the grayscale version is **58.0300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **29.6069, 0.3489, 0.3868** is the 20% darker color. If you saturate the color by 10%, you get **57.8913, 0.3577, 0.3986**, and if you desaturate by 10%, it is **60.3595, 0.3267, 0.3508**.

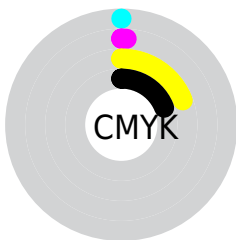
Distribution



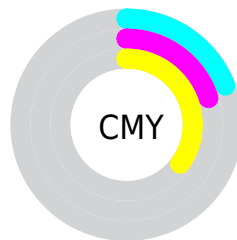
- Red (81%)
- Green (80%)
- Blue (65%)



- Red (66%)
- Yellow (81%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (19%)




- Cyan (19%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0607, 0.3421, 0.3747 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 59.0607, 0.3421, 0.3747 by changing the saturation by 10% instead.


 59.0607, 0.3421,
0.3747


 59.0607, 0.3421,
0.3747


421.1268, 0.3282,
0.3525

 42.6620, 0.3453,
0.3800


 103.4659, 0.3372,
0.3668

 29.6200, 0.3494,
0.3867


 132.2411, 0.3353,
0.3638

 19.5503, 0.3545,
0.3954


165.9107, 0.3337,
0.3612

 12.0686, 0.3613,
0.4071

204.8589, 0.3323,
0.3590

 6.7904, 0.3704,
0.4236

249.4703, 0.3311,
0.3571

 3.3314, 0.3833,
0.4484

300.1291, 0.3300,

 1.3071, 0.4471,

0.3554

0.5442

357.2198, 0.3290,
0.3539

0.1467, 0.0202,
0.9798

0.0000, 0.0000,
0.0000

59.0607, 0.3421,
0.3747

59.0607, 0.3421,
0.3747

57.8913, 0.3577,
0.3986

60.3595, 0.3267,
0.3508

56.8376, 0.3729,
0.4218

61.7852, 0.3118,
0.3276

55.8960, 0.3873,
0.4432

63.3455, 0.2978,
0.3056

55.0598, 0.4001,
0.4620

65.0451, 0.2847,
0.2849

■ 54.3214, 0.4109,
0.4773

■ 65.9543, 0.2808,
0.2793

■ 53.6721, 0.4191,
0.4884

■ 66.4485, 0.2809,
0.2805

■ 53.1018, 0.4247,
0.4951

■ 66.9458, 0.2810,
0.2816

■ 52.5929, 0.4280,
0.4981

■ 67.4462, 0.2810,
0.2827

■ 52.5629, 0.4281,
0.4983

■ 67.9497, 0.2811,
0.2838

Harmonies

Analogous

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



59.0607, 0.3594, 0.3655



59.0607, 0.3421, 0.3747



59.0607, 0.3173, 0.3709

Triad

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



59.0607, 0.3421, 0.3747



59.0607, 0.2641, 0.3073



59.0607, 0.3326, 0.3055

Complementary

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



59.0607, 0.3421, 0.3747



40.5520, 0.2809, 0.2788

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.



59.0607, 0.3064, 0.2912



59.0607, 0.3421, 0.3747



59.0607, 0.2677, 0.2914

Square

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



59.0607, 0.3421, 0.3747



59.0607, 0.2728, 0.3304



59.0607, 0.2828, 0.2860



59.0607, 0.3540, 0.3256

Rectangle

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



59.0607, 0.3421, 0.3747



59.0607, 0.3001, 0.3610



59.0607, 0.2828, 0.2860



59.0607, 0.3241, 0.2999

Sweetspot

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



59.0633, 0.3421, 0.3747



98.5787, 0.3217, 0.3430



43.2201, 0.3488, 0.3266



21.0678, 0.3227, 0.3446



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.



59.0633, 0.3421, 0.3747



94.9714, 0.3482, 0.3840



57.5676, 0.3272, 0.3792



12.9993, 0.3267, 0.3508



32.4222, 0.4280, 0.4984



1.7021, 0.4262, 0.4998

Inverse Universe

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



40.5520, 0.2809, 0.2788



59.9454, 0.2737, 0.2673



41.9196, 0.2958, 0.2784



10.9302, 0.2982, 0.3062



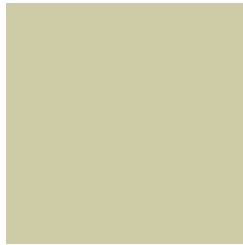
2.9194, 0.1510, 0.0634



0.1820, 0.1542, 0.0750

Previews

White Background



This preview shows how the Yxy color 59.0607, 0.3421, 0.3747 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 59.0607, 0.3421, 0.3747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

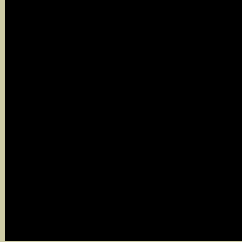
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

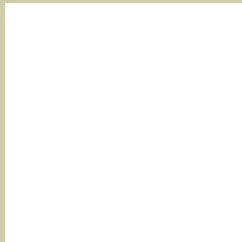
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0607, 0.3421, 0.3747

Background



This preview shows how black text looks on a background with the Yxy color 59.0607, 0.3421, 0.3747.



This preview shows how white text looks on a background with the Yxy color 59.0607, 0.3421, 0.3747.

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

59.0607, 0.3421, 0.3747

Protanopia

59.2538, 0.3500, 0.3727

Deuteranopia

58.7344, 0.3658, 0.3583



Tritanopia

59.1893, 0.3127, 0.3119

Trichromacy



Original Color

59.0607, 0.3421, 0.3747

Protanomaly

59.2774, 0.3472, 0.3742

Deuteranomaly

58.8662, 0.3570, 0.3648

Tritanomaly

58.9957, 0.3235, 0.3337

Monochromacy



Original Color

59.0607, 0.3421, 0.3747

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.9607, 0.3230, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0607, 0.3421, 0.3747 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, 204, 166)` looks like.

```
.text, #text, p{  
    color:rgb(206, 204, 166)  
}
```

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, 204, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 204, 166) }
```

Border

The CSS property to change the border of an element to Yxy 59.0607, 0.3421, 0.3747 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, 204, 166) }
```

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

```
.border{ border-color:rgb(206, 204, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 204, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 204, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 204, 166);  
box-shadow:4px 4px 4px 4px rgb(206, 204,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0607, 0.3421, 0.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 204, 166) }
```

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

```
.background{ background-color: rgb(206,  
204, 166) }
```

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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