

Converting Colors

$Yxy(59.6246, 0.3316, 0.3735)$

Have a look what the booklet for
Yxy(59.6246, 0.3316, 0.3735)
contains.

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Color

Yxy(59.5717, 0.3314, 0.3729)

Conversions

Conversions Part 1

Format	Color
Hex	C6CFAB
RGB	198, 207, 171
RGB Percent	78%, 81%, 67%
CMY	0.2237, 0.1882, 0.3294
CMYK	0.04, 0.00, 0.17, 0.19
HSL	75°, 27%, 74%
HSV	75°, 17%, 81%
XYZ	52.9420, 59.5717, 47.2388
YIQ	200.2050, 6.1920, -13.1040

Conversions

Conversions Part 2

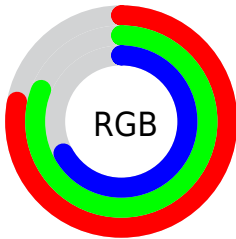
Format	Color
RYB	171, 207, 180
Decimal	13029291
CIELab	81.60, -9.32, 16.88
CIElCh	82, 19.279, 118.900
Yxy	59.5717, 0.3314, 0.3729
Android (android.graphics.Color)	4291219371 (0xFFC6CFAB)
YUV	200.2050, -14.3981, -1.9338
Hunter-Lab	77.1827, -12.6311, 17.7401

Details

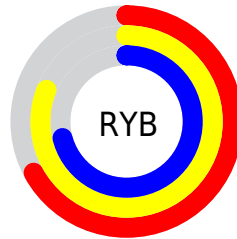
The Yxy color **59.5717, 0.3314, 0.3729** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.3473, 0.2918, 0.2832**, and the grayscale version is **57.9762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **30.0437, 0.3356, 0.3845** is the 20% darker color. If you saturate the color by 10%, you get **58.1492, 0.3421, 0.3996**, and if you desaturate by 10%, it is **61.1475, 0.3206, 0.3471**.

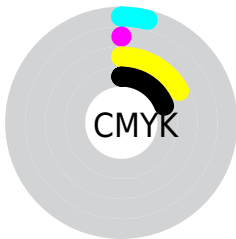
Distribution



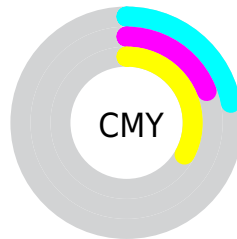
- Red (78%)
- Green (81%)
- Blue (67%)



- Red (67%)
- Yellow (81%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (19%)





- Cyan (22%)
- Magenta (19%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5717, 0.3314, 0.3729 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 59.5717, 0.3314, 0.3729 by changing the saturation by 10% instead.


 59.5717, 0.3314,
0.3729

 59.5717, 0.3314,
0.3729


423.0173, 0.3227,
0.3515

 43.0735, 0.3334,
0.3781


 104.2081, 0.3284,
0.3652

 29.9428, 0.3359,
0.3846


133.1151, 0.3272,
0.3623

 19.7952, 0.3390,
0.3932


166.9272, 0.3262,
0.3598

 12.2462, 0.3431,
0.4048

206.0287, 0.3253,
0.3577

 6.9116, 0.3485,
0.4215

250.8041, 0.3245,
0.3558

 3.4069, 0.3558,
0.4471

301.6377, 0.3238,

 1.3477, 0.3903,

0.3542

358.9140, 0.3232,
0.3528

0.5245

0.1777, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.5717, 0.3314,
0.3729

59.5717, 0.3314,
0.3729

58.1492, 0.3421,
0.3996

61.1475, 0.3206,
0.3471

56.8662, 0.3522,
0.4266

62.8743, 0.3100,
0.3228

55.7188, 0.3612,
0.4530

64.7601, 0.2998,
0.3003

54.7000, 0.3687,
0.4775

66.8098, 0.2901,
0.2795

■ 53.8021, 0.3742,
0.4992

■ 67.7067, 0.2930,
0.2789

■ 53.0164, 0.3772,
0.5169

■ 68.5531, 0.2966,
0.2794

■ 52.3326, 0.3777,
0.5300

■ 69.4253, 0.3003,
0.2800

■ 51.7369, 0.3757,
0.5385

■ 70.3235, 0.3039,
0.2805

■ 51.5901, 0.3751,
0.5404

■ 71.2479, 0.3077,
0.2811

Harmonies

Analogous

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



59.5717, 0.3518, 0.3692



59.5717, 0.3314, 0.3729



59.5717, 0.3066, 0.3637

Triad

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



59.5717, 0.3314, 0.3729



59.5717, 0.2659, 0.3006



59.5717, 0.3415, 0.3141

Complementary

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



59.5717, 0.3314, 0.3729



43.3473, 0.2918, 0.2832

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.



59.5717, 0.3174, 0.2976



59.5717, 0.3314, 0.3729



59.5717, 0.2743, 0.2894

Square

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



59.5717, 0.3314, 0.3729



59.5717, 0.2694, 0.3205



59.5717, 0.2929, 0.2886



59.5717, 0.3580, 0.3347

Rectangle

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



59.5717, 0.3314, 0.3729



59.5717, 0.2909, 0.3513



59.5717, 0.2929, 0.2886



59.5717, 0.3340, 0.3080

Sweetspot

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



59.5743, 0.3314, 0.3729



98.6017, 0.3181, 0.3413



48.8554, 0.3440, 0.3402



21.0638, 0.3189, 0.3431



0.0000, 0.0000, 0.0000



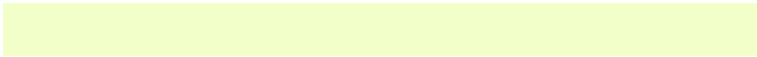
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5743, 0.3314, 0.3729



94.5486, 0.3355, 0.3831



57.2803, 0.3174, 0.3749



13.6414, 0.3228, 0.3522



32.5439, 0.3757, 0.5399



1.8560, 0.3841, 0.5332

Inverse Universe

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



43.3473, 0.2918, 0.2832



63.6417, 0.2865, 0.2719



45.6424, 0.3070, 0.2852



11.5595, 0.3021, 0.3052



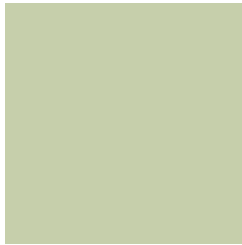
3.3391, 0.1653, 0.0684



0.2250, 0.1846, 0.0791

Previews

White Background



This preview shows how the Yxy color 59.5717, 0.3314, 0.3729 looks on a white background.

Color Contrast Check

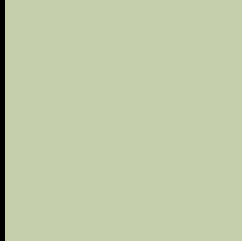
Large Text (above 18pt) WCAG AA × Fail

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 59.5717, 0.3314, 0.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

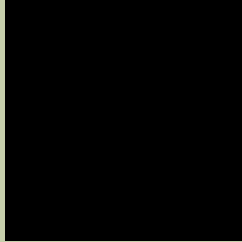
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

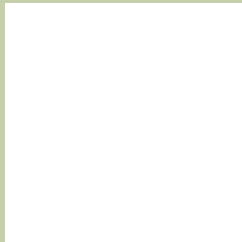
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5717, 0.3314, 0.3729

Background



This preview shows how black text looks on a background with the Yxy color 59.5717, 0.3314, 0.3729.



This preview shows how white text looks on a background with the Yxy color 59.5717, 0.3314, 0.3729.

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

59.5717, 0.3314, 0.3729

Protanopia

59.4018, 0.3469, 0.3679

Deuteranopia

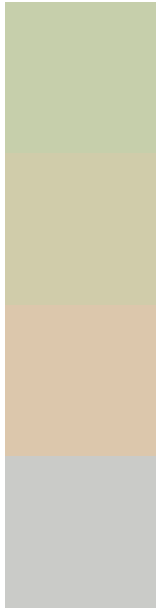
59.3710, 0.3614, 0.3538



Tritanopia

59.6204, 0.3037, 0.3105

Trichromacy



Original Color

59.5717, 0.3314, 0.3729

Protanomaly

59.4979, 0.3408, 0.3696

Deuteranomaly

59.0410, 0.3503, 0.3604

Tritanomaly

59.4386, 0.3141, 0.3326

Monochromacy



Original Color

59.5717, 0.3314, 0.3729

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.5281, 0.3197, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5717, 0.3314, 0.3729 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(198, 207, 171)` looks like.

```
.text, #text, p{  
    color:rgb(198, 207, 171)  
}
```

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(198, 207, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 207, 171) }
```

Border

The CSS property to change the border of an element to Yxy 59.5717, 0.3314, 0.3729 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(198, 207, 171) }
```

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

```
.border{ border-color:rgb(198, 207, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 207, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 207, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 207, 171); box-shadow:4px 4px 4px 4px rgb(198, 207, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5717, 0.3314, 0.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 207, 171) }
```

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

```
.background{ background-color: rgb(198,  
207, 171) }
```

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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