

Converting Colors

Yxy(59.5428, 0.3323, 0.3727)

Have a look what the booklet for
Yxy(59.5428, 0.3323, 0.3727)
contains.

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Color

Yxy(59.7080, 0.3322, 0.3728)

Conversions

Conversions Part 1

Format	Color
Hex	C7CFAB
RGB	199, 207, 171
RGB Percent	78%, 81%, 67%
CMY	0.2198, 0.1882, 0.3294
CMYK	0.04, 0.00, 0.17, 0.19
HSL	73°, 27%, 74%
HSV	73°, 17%, 81%
XYZ	53.2055, 59.7080, 47.2475
YIQ	200.5040, 6.7880, -12.8920

Conversions

Conversions Part 2

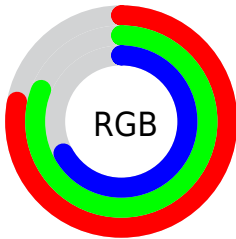
Format	Color
RYB	171, 207, 179
Decimal	13094827
CIELab	81.68, -8.96, 17.00
CIElCh	82, 19.213, 117.786
Yxy	59.7080, 0.3322, 0.3728
Android (android.graphics.Color)	4291284907 (0xFFC7CFAB)
YUV	200.5040, -14.5455, -1.3190
Hunter-Lab	77.2710, -12.3167, 17.8367

Details

The Yxy color **59.7080, 0.3322, 0.3728** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.2243, 0.2910, 0.2831**, and the grayscale version is **58.1706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **30.1341, 0.3367, 0.3843** is the 20% darker color. If you saturate the color by 10%, you get **58.3569, 0.3433, 0.3994**, and if you desaturate by 10%, it is **61.2073, 0.3209, 0.3471**.

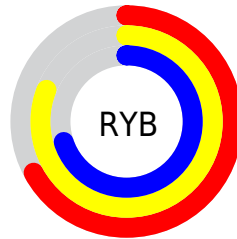
Distribution



Red (78%)

Green (81%)

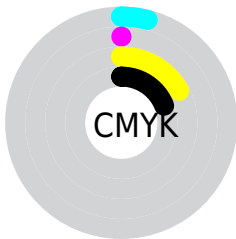
Blue (67%)



Red (67%)

Yellow (81%)

Blue (70%)

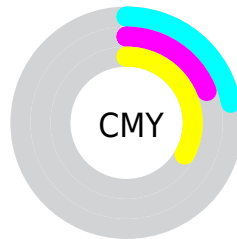


Cyan (4%)

Magenta (0%)

Yellow (17%)

Black (19%)



Cyan (22%)


Magenta (19%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7080, 0.3322, 0.3728 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 59.7080, 0.3322, 0.3728 by changing the saturation by 10% instead.


 59.7080, 0.3322,
0.3728

 59.7080, 0.3322,
0.3728


423.5206, 0.3231,
0.3515

 43.1833, 0.3343,
0.3780

 104.4060, 0.3290,
0.3652

 30.0290, 0.3369,
0.3845


133.3480, 0.3278,
0.3623

 19.8606, 0.3402,
0.3930


167.1980, 0.3267,
0.3598

 12.2937, 0.3444,
0.4045

206.3404, 0.3258,
0.3577

 6.9441, 0.3501,
0.4211

251.1594, 0.3250,
0.3558

 3.4271, 0.3579,
0.4464

302.0395, 0.3243,

 1.3586, 0.3930,

0.3542

0.5226

359.3651, 0.3236,
0.3527

■ 0.1859, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7080, 0.3322,
0.3728

■ 59.7080, 0.3322,
0.3728

■ 58.3569, 0.3433,
0.3994

■ 61.2073, 0.3209,
0.3471

■ 57.1403, 0.3540,
0.4261

■ 62.8526, 0.3099,
0.3228

■ 56.0544, 0.3635,
0.4520

■ 64.6517, 0.2993,
0.3002

■ 55.0924, 0.3715,
0.4760

■ 66.6094, 0.2892,
0.2794

■ 54.2464, 0.3775,
0.4971

■ 67.4095, 0.2917,
0.2787

■ 53.5080, 0.3810,
0.5142

■ 68.1532, 0.2949,
0.2792

■ 52.8669, 0.3819,
0.5268

■ 68.9173, 0.2981,
0.2797

■ 52.3093, 0.3804,
0.5348

■ 69.7019, 0.3014,
0.2802

■ 52.1720, 0.3799,
0.5366

■ 70.5071, 0.3047,
0.2806

Harmonies

Analogous

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



59.7080, 0.3522, 0.3686



59.7080, 0.3322, 0.3728



59.7080, 0.3075, 0.3641

Triad

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



59.7080, 0.3322, 0.3728



59.7080, 0.2660, 0.3014



59.7080, 0.3406, 0.3135

Complementary

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



59.7080, 0.3322, 0.3728



43.2243, 0.2910, 0.2831

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.



59.7080, 0.3165, 0.2972



59.7080, 0.3322, 0.3728



59.7080, 0.2740, 0.2898

Square

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



59.7080, 0.3322, 0.3728



59.7080, 0.2699, 0.3213



59.7080, 0.2922, 0.2886



59.7080, 0.3574, 0.3339

Rectangle

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



59.7080, 0.3322, 0.3728



59.7080, 0.2918, 0.3520



59.7080, 0.2922, 0.2886



59.7080, 0.3330, 0.3074

Sweetspot

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



59.7106, 0.3322, 0.3728



98.6677, 0.3183, 0.3413



48.3704, 0.3443, 0.3387



21.0799, 0.3191, 0.3431



0.0000, 0.0000, 0.0000



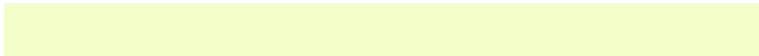
21.4041, 0.3127, 0.3290

Same Dimension

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



59.7106, 0.3322, 0.3728



94.8118, 0.3365, 0.3830



57.4247, 0.3183, 0.3747



13.6584, 0.3232, 0.3522



32.9069, 0.3804, 0.5361



1.8736, 0.3879, 0.5302

Inverse Universe

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



43.2243, 0.2910, 0.2831



63.4179, 0.2854, 0.2717



45.4769, 0.3059, 0.2851



11.5437, 0.3016, 0.3052



3.2454, 0.1625, 0.0669



0.2177, 0.1811, 0.0771

Previews

White Background



This preview shows how the Yxy color 59.7080, 0.3322, 0.3728 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 59.7080, 0.3322, 0.3728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

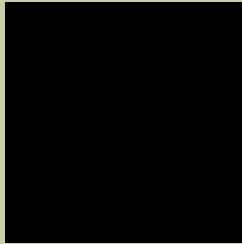
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

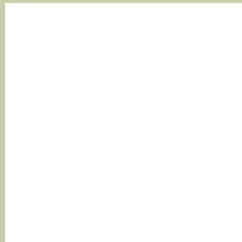
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7080, 0.3322, 0.3728

Background



This preview shows how black text looks on a background with the Yxy color 59.7080, 0.3322, 0.3728.



This preview shows how white text looks on a background with the Yxy color 59.7080, 0.3322, 0.3728.

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

59.7080, 0.3322, 0.3728

Protanopia

59.4018, 0.3469, 0.3679

Deuteranopia

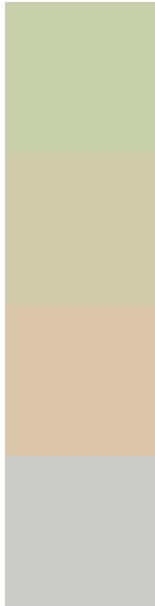
59.3710, 0.3614, 0.3538



Tritanopia

59.7622, 0.3044, 0.3105

Trichromacy



Original Color

59.7080, 0.3322, 0.3728

Protanomaly

59.6433, 0.3416, 0.3695

Deuteranomaly

59.1976, 0.3511, 0.3603

Tritanomaly

59.5785, 0.3149, 0.3325

Monochromacy



Original Color

59.7080, 0.3322, 0.3728

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.6654, 0.3205, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7080, 0.3322, 0.3728 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(199, 207, 171)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 207, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 207, 171) }
```

Border

The CSS property to change the border of an element to Yxy 59.7080, 0.3322, 0.3728 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(199, 207, 171) }
```

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

```
.border{ border-color:rgb(199, 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(199, 207, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 207, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 207, 171);  
box-shadow:4px 4px 4px 4px rgb(199, 207,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7080, 0.3322, 0.3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 207, 171) }
```

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

```
.background{ background-color: rgb(199,  
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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