

Converting Colors

$Yxy(59.0740, 0.3672, 0.4174)$

Have a look what the booklet for
Yxy(59.0740, 0.3672, 0.4174)
contains.

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Color

Yxy(59.0740, 0.3672, 0.4174)

Conversions

Conversions Part 1

Format	Color
Hex	CFCE84
RGB	207, 206, 132
RGB Percent	81%, 81%, 52%
CMY	0.1882, 0.1921, 0.4824
CMYK	0.00, 0.00, 0.36, 0.19
HSL	59°, 44%, 66%
HSV	59°, 36%, 81%
XYZ	51.9693, 59.0740, 30.4852
YIQ	197.8630, 24.3500, -22.8020

Conversions

Conversions Part 2

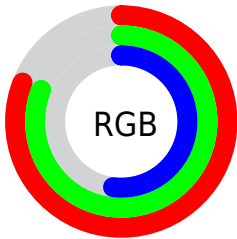
Format	Color
R_{YB}	133, 207, 132
Decimal	13618820
CIE _{Lab}	81.33, -10.68, 36.97
CIE _{LCh}	81, 38.485, 106.107
Yxy	59.0740, 0.3672, 0.4174
Android (android.graphics.Color)	4291808900 (0xFFCFCE84)
YUV	197.8630, -32.4705, 8.0131
Hunter-Lab	76.8596, -13.8101, 30.2852

Details

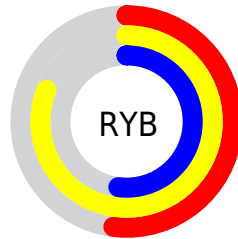
The Yxy color **59.0740, 0.3672, 0.4174** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.1809, 0.2474, 0.2221**, and the grayscale version is **56.5755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3252, 0.3538, 0.3969**, and **29.6299, 0.3787, 0.4405** is the 20% darker color. If you saturate the color by 10%, you get **58.4315, 0.3813, 0.4400**, and if you desaturate by 10%, it is **59.8345, 0.3523, 0.3932**.

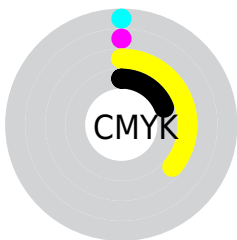
Distribution



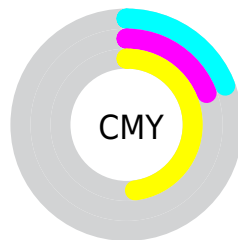
- Red (81%)
- Green (81%)
- Blue (52%)



- Red (52%)
- Yellow (81%)
- Blue (52%)



- Cyan (0%)
- Magenta (0%)
- Yellow (36%)
- Black (19%)




- Cyan (19%)
- Magenta (19%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0740, 0.3672, 0.4174 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 59.0740, 0.3672, 0.4174 by changing the saturation by 10% instead.


 59.0740, 0.3672,
0.4174


 59.0740, 0.3672,
0.4174


421.1761, 0.3421,
0.3746

 42.6727, 0.3727,
0.4275


 103.4852, 0.3586,
0.4023

 29.6284, 0.3792,
0.4399


 132.2639, 0.3553,
0.3965

 19.5567, 0.3871,
0.4558


 165.9372, 0.3523,
0.3915

 12.0732, 0.3965,
0.4763

204.8894, 0.3498,
0.3872

 6.7936, 0.4071,
0.5033

249.5050, 0.3475,
0.3835

 3.3333, 0.4362,
0.5638

300.1684, 0.3455,

 1.3081, 0.4168,

0.3802

0.5832

357.2640, 0.3437,
0.3772

■ 0.1475, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0740, 0.3672,
0.4174

■ 59.0740, 0.3672,
0.4174

■ 58.4315, 0.3813,
0.4400

■ 59.8345, 0.3523,
0.3932

■ 57.8923, 0.3938,
0.4602

■ 60.7112, 0.3370,
0.3685

■ 57.4517, 0.4044,
0.4769

■ 61.7124, 0.3219,
0.3439

■ 57.1014, 0.4125,
0.4897

■ 62.8434, 0.3073,
0.3202

■ 56.8316, 0.4179,
0.4981

■ 64.1093, 0.2935,
0.2977

■ 56.6301, 0.4209,
0.5023

■ 65.4381, 0.2814,
0.2779

■ 56.5633, 0.4217,
0.5034

■ 65.5733, 0.2814,
0.2782

■ 65.7089, 0.2815,
0.2785

■ 65.8446, 0.2815,
0.2789

Harmonies

Analogous

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



59.0740, 0.4017, 0.3959



59.0740, 0.3672, 0.4174



59.0740, 0.3197, 0.4129

Triad

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



59.0740, 0.3672, 0.4174



59.0740, 0.2228, 0.2855



59.0740, 0.3501, 0.2852

Complementary

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



59.0740, 0.3672, 0.4174



26.1809, 0.2474, 0.2221

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.



59.0740, 0.2994, 0.2600



59.0740, 0.3672, 0.4174



59.0740, 0.2292, 0.2578

Square

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



59.0740, 0.3672, 0.4174



59.0740, 0.2378, 0.3299



59.0740, 0.2560, 0.2498



59.0740, 0.3927, 0.3207

Rectangle

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



59.0740, 0.3672, 0.4174



59.0740, 0.2873, 0.3932



59.0740, 0.2560, 0.2498



59.0740, 0.3333, 0.2754

Sweetspot

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



59.0767, 0.3672, 0.4174



98.0834, 0.3292, 0.3559



31.4639, 0.3981, 0.3276



20.9471, 0.3313, 0.3593



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.



59.0767, 0.3672, 0.4174



93.9000, 0.3775, 0.4341



54.9255, 0.3369, 0.4281



13.7693, 0.3266, 0.3517



35.6454, 0.4216, 0.5034



2.0020, 0.4212, 0.5038

Inverse Universe

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



26.1809, 0.2474, 0.2221



34.0835, 0.2319, 0.1966



29.3544, 0.2792, 0.2295



11.4427, 0.2982, 0.3053



2.8874, 0.1503, 0.0609



0.1706, 0.1511, 0.0640

Previews

White Background



This preview shows how the Yxy color 59.0740, 0.3672, 0.4174 looks on a white background.

Color Contrast Check

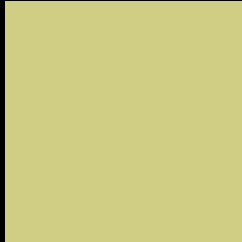
Large Text (above 18pt) WCAG AA × Fail

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 59.0740, 0.3672, 0.4174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

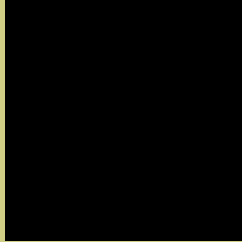
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0740, 0.3672, 0.4174

Background



This preview shows how black text looks on a background with the Yxy color 59.0740, 0.3672, 0.4174.



This preview shows how white text looks on a background with the Yxy color 59.0740, 0.3672, 0.4174.

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

59.0740, 0.3672, 0.4174

Protanopia

59.0684, 0.3813, 0.4120

Deuteranopia

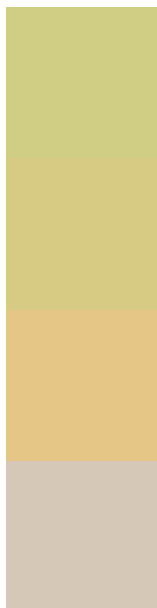
58.7664, 0.4006, 0.3920



Tritanopia

58.8323, 0.3167, 0.3109

Trichromacy



Original Color

59.0740, 0.3672, 0.4174

Protanomaly

58.7976, 0.3759, 0.4133

Deuteranomaly

58.7674, 0.3878, 0.4012

Tritanomaly

58.8736, 0.3358, 0.3490

Monochromacy



Original Color

59.0740, 0.3672, 0.4174

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.2468, 0.3326, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0740, 0.3672, 0.4174 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(207, 206, 132)` looks like.

```
.text, #text, p{  
    color:rgb(207, 206, 132)  
}
```

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(207, 206, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 206, 132) }
```

Border

The CSS property to change the border of an element to Yxy 59.0740, 0.3672, 0.4174 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(207, 206, 132) }
```

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

```
.border{ border-color:rgb(207, 206, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 206, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 206, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 206, 132);  
box-shadow:4px 4px 4px 4px rgb(207, 206,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0740, 0.3672, 0.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 206, 132) }
```

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

```
.background{ background-color: rgb(207,  
206, 132) }
```

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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