

Converting Colors

$Yxy(59.6116, 0.3404, 0.3734)$

Have a look what the booklet for
Yxy(59.6116, 0.3404, 0.3734)
contains.

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Color

Yxy(59.6116, 0.3404, 0.3734)

Conversions

Conversions Part 1

Format	Color
Hex	CECDA8
RGB	206, 205, 168
RGB Percent	81%, 80%, 66%
CMY	0.1923, 0.1960, 0.3411
CMYK	0.00, 0.00, 0.18, 0.19
HSL	59°, 28%, 73%
HSV	59°, 18%, 81%
XYZ	54.3433, 59.6116, 45.6905
YIQ	201.0810, 12.4730, -11.2950

Conversions

Conversions Part 2

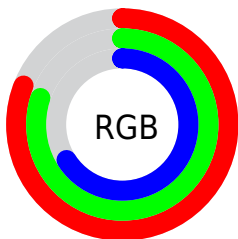
Format	Color
R_{YB}	169, 206, 168
Decimal	13553064
CIE Lab	81.63, -5.81, 18.59
CIE LCh	82, 19.476, 107.365
Yxy	59.6116, 0.3404, 0.3734
Android (android.graphics.Color)	4291743144 (0xFFCECDA8)
YUV	201.0810, -16.3089, 4.3140
Hunter-Lab	77.2085, -9.4776, 18.9593

Details

The Yxy color **59.6116, 0.3404, 0.3734** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.1334, 0.2826, 0.2804**, and the grayscale version is **58.5565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **29.9735, 0.3466, 0.3851** is the 20% darker color. If you saturate the color by 10%, you get **58.6644, 0.3557, 0.3979**, and if you desaturate by 10%, it is **60.6865, 0.3252, 0.3490**.

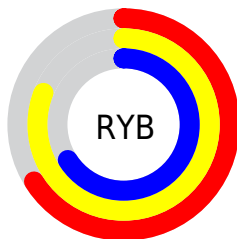
Distribution



Red (81%)

Green (80%)

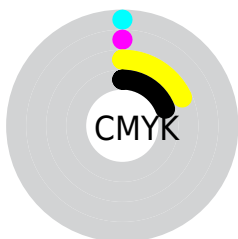
Blue (66%)



Red (66%)

Yellow (81%)

Blue (66%)

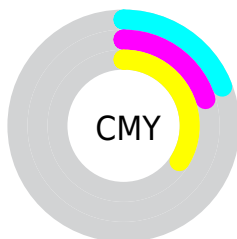


Cyan (0%)

Magenta (0%)

Yellow (18%)

Black (19%)



Cyan (19%)


Magenta (20%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6116, 0.3404, 0.3734 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 59.6116, 0.3404, 0.3734 by changing the saturation by 10% instead.


 59.6116, 0.3404,
0.3734


 59.6116, 0.3404,
0.3734


423.1647, 0.3273,
0.3519

 43.1056, 0.3434,
0.3786


 104.2660, 0.3358,
0.3657

 29.9680, 0.3472,
0.3851


 133.1833, 0.3340,
0.3628

 19.8143, 0.3521,
0.3935

167.0065, 0.3325,
0.3603

 12.2601, 0.3584,
0.4048

206.1200, 0.3312,
0.3582

 6.9211, 0.3670,
0.4208

250.9081, 0.3300,
0.3563

 3.4128, 0.3791,
0.4450

301.7554, 0.3290,

 1.3509, 0.4320,

0.3547

0.5282

359.0461, 0.3281,
0.3532

0.1801, 0.1398,
0.8602

0.0000, 0.0000,
0.0000

59.6116, 0.3404,
0.3734

59.6116, 0.3404,
0.3734

58.6644, 0.3557,
0.3979

60.6865, 0.3252,
0.3490

57.8311, 0.3707,
0.4216

61.8864, 0.3104,
0.3253

57.1084, 0.3847,
0.4436

63.2191, 0.2965,
0.3028

56.4894, 0.3971,
0.4629

64.6892, 0.2835,
0.2818

■ 55.9667, 0.4075,
0.4788

■ 65.2286, 0.2807,
0.2777

■ 55.5317, 0.4153,
0.4905

■ 65.4753, 0.2808,
0.2783

■ 55.1745, 0.4205,
0.4979

■ 65.7228, 0.2808,
0.2788

■ 54.8798, 0.4233,
0.5014

■ 65.9711, 0.2808,
0.2794

■ 54.8355, 0.4237,
0.5018

■ 66.2202, 0.2809,
0.2800

Harmonies

Analogous

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



59.6116, 0.3576, 0.3650



59.6116, 0.3404, 0.3734



59.6116, 0.3162, 0.3691

Triad

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



59.6116, 0.3404, 0.3734



59.6116, 0.2654, 0.3072



59.6116, 0.3330, 0.3069

Complementary

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



59.6116, 0.3404, 0.3734



41.1334, 0.2826, 0.2804

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.



59.6116, 0.3076, 0.2927



59.6116, 0.3404, 0.3734



59.6116, 0.2693, 0.2922

Square

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



59.6116, 0.3404, 0.3734



59.6116, 0.2734, 0.3294



59.6116, 0.2845, 0.2873



59.6116, 0.3534, 0.3266

Rectangle

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



59.6116, 0.3404, 0.3734



59.6116, 0.2995, 0.3593



59.6116, 0.2845, 0.2873



59.6116, 0.3247, 0.3013

Sweetspot

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



59.6142, 0.3404, 0.3734



98.8136, 0.3217, 0.3434



43.9978, 0.3471, 0.3275



21.1235, 0.3226, 0.3450



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.



59.6142, 0.3404, 0.3734



96.0216, 0.3463, 0.3828



57.6696, 0.3260, 0.3766



13.0475, 0.3266, 0.3513



33.8057, 0.4236, 0.5018



1.7593, 0.4227, 0.5026

Inverse Universe

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



41.1334, 0.2826, 0.2804



60.7867, 0.2755, 0.2688



42.8653, 0.2973, 0.2812



10.8874, 0.2982, 0.3056



2.8325, 0.1505, 0.0617



0.1620, 0.1521, 0.0677

Previews

White Background



This preview shows how the Yxy color 59.6116, 0.3404, 0.3734 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 59.6116, 0.3404, 0.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

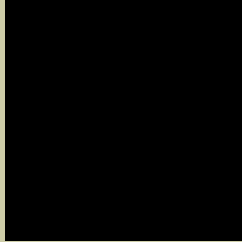
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

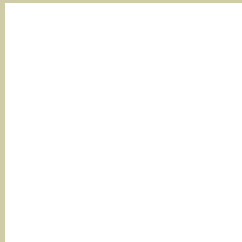
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6116, 0.3404, 0.3734

Background



This preview shows how black text looks on a background with the Yxy color 59.6116, 0.3404, 0.3734.



This preview shows how white text looks on a background with the Yxy color 59.6116, 0.3404, 0.3734.

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

59.6116, 0.3404, 0.3734

Protanopia

59.3272, 0.3484, 0.3703

Deuteranopia

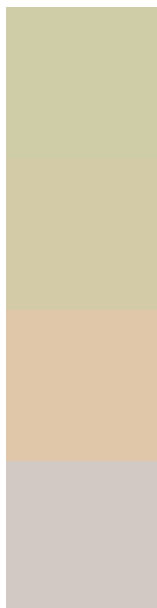
59.4249, 0.3647, 0.3571



Tritanopia

59.6989, 0.3120, 0.3119

Trichromacy



Original Color

59.6116, 0.3404, 0.3734

Protanomaly

59.3508, 0.3457, 0.3718

Deuteranomaly

59.5587, 0.3560, 0.3635

Tritanomaly

59.5061, 0.3227, 0.3337

Monochromacy



Original Color

59.6116, 0.3404, 0.3734

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.6117, 0.3229, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6116, 0.3404, 0.3734 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, 205, 168)` looks like.

```
.text, #text, p{  
    color:rgb(206, 205, 168)  
}
```

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, 205, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 205, 168) }
```

Border

The CSS property to change the border of an element to Yxy 59.6116, 0.3404, 0.3734 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, 205, 168) }
```

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

```
.border{ border-color:rgb(206, 205, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 205, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 205, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 205, 168);  
box-shadow:4px 4px 4px 4px rgb(206, 205,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6116, 0.3404, 0.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 205, 168) }
```

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

```
.background{ background-color: rgb(206,  
205, 168) }
```

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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