

Converting Colors

$Yxy(57.5714, 0.3372, 0.3743)$

Have a look what the booklet for
Yxy(57.5714, 0.3372, 0.3743)
contains.

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Color

Yxy(57.7444, 0.3374, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	C8CBA6
RGB	200, 203, 166
RGB Percent	78%, 80%, 65%
CMY	0.2158, 0.2039, 0.3490
CMYK	0.02, 0.00, 0.18, 0.20
HSL	65°, 26%, 72%
HSV	65°, 18%, 80%
XYZ	52.0517, 57.7444, 44.4769
YIQ	197.8850, 10.0890, -12.1430

Conversions

Conversions Part 2

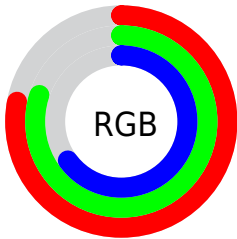
Format	Color
R _{YB}	166, 203, 169
Decimal	13159334
CIE Lab	80.60, -7.29, 18.15
CIE LCh	81, 19.559, 111.883
Yxy	57.7444, 0.3374, 0.3743
Android (android.graphics.Color)	4291349414 (0xFFC8CBA6)
YUV	197.8850, -15.7193, 1.8549
Hunter-Lab	75.9897, -10.7125, 18.4903

Details

The Yxy color **57.7444, 0.3374, 0.3743** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.0240, 0.2854, 0.2801**, and the grayscale version is **56.4897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **28.8208, 0.3437, 0.3864** is the 20% darker color. If you saturate the color by 10%, you get **56.8310, 0.3510, 0.3998**, and if you desaturate by 10%, it is **58.7830, 0.3237, 0.3491**.

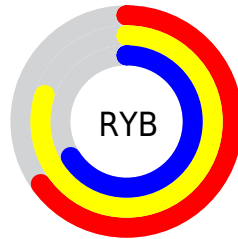
Distribution



Red (78%)

Green (80%)

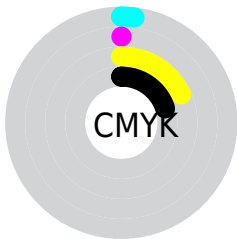
Blue (65%)



Red (65%)

Yellow (80%)

Blue (66%)

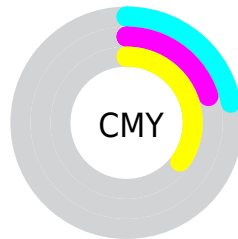


Cyan (2%)

Magenta (0%)

Yellow (18%)

Black (20%)



Cyan (22%)


Magenta (20%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7444, 0.3374, 0.3743 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 57.7444, 0.3374, 0.3743 by changing the saturation by 10% instead.

 57.7444, 0.3374,
0.3743


 57.7444, 0.3374,
0.3743


416.2328, 0.3257,
0.3522

 41.6032, 0.3401,
0.3797


 101.5506, 0.3333,
0.3664

 28.7907, 0.3435,
0.3864


 129.9843, 0.3317,
0.3634

 18.9226, 0.3478,
0.3953


163.2843, 0.3304,
0.3608

 11.6143, 0.3535,
0.4073

201.8351, 0.3292,
0.3586

 6.4816, 0.3611,
0.4245

246.0209, 0.3281,
0.3567

 3.1401, 0.3718,
0.4508

296.2262, 0.3272,

 1.2053, 0.4366,

0.3550

0.5595

352.8354, 0.3264,
0.3535

0.0660, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.7444, 0.3374,
0.3743

57.7444, 0.3374,
0.3743

56.8310, 0.3510,
0.3998

58.7830, 0.3237,
0.3491

56.0297, 0.3641,
0.4249


59.9443, 0.3104,
0.3248

55.3371, 0.3762,
0.4485

61.2357, 0.2977,
0.3019


54.7466, 0.3866,
0.4697


62.6618, 0.2857,
0.2805

 54.2511, 0.3949,
0.4876

 63.3952, 0.2820,
0.2729

 53.8423, 0.4007,
0.5013


 63.6391, 0.2832,
0.2731

 53.5108, 0.4039,
0.5106

 63.8856, 0.2843,
0.2733

 53.2418, 0.4048,
0.5159

 64.1346, 0.2854,
0.2734

 53.1969, 0.4049,
0.5167

 64.3862, 0.2866,
0.2736

Harmonies

Analogous

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



57.7444, 0.3563, 0.3675



57.7444, 0.3374, 0.3743



57.7444, 0.3124, 0.3680

Triad

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



57.7444, 0.3374, 0.3743



57.7444, 0.2645, 0.3040



57.7444, 0.3369, 0.3093

Complementary

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



57.7444, 0.3374, 0.3743



40.0240, 0.2854, 0.2801

Split Complementary

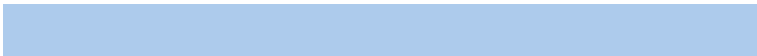
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.7444, 0.3114, 0.2939



57.7444, 0.3374, 0.3743



57.7444, 0.2704, 0.2902

Square

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



57.7444, 0.3374, 0.3743



57.7444, 0.2709, 0.3258



57.7444, 0.2872, 0.2868



57.7444, 0.3563, 0.3298

Rectangle

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



57.7444, 0.3374, 0.3743



57.7444, 0.2957, 0.3568



57.7444, 0.2872, 0.2868



57.7444, 0.3287, 0.3034

Sweetspot

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



57.7469, 0.3374, 0.3743



99.0074, 0.3195, 0.3413



43.6292, 0.3473, 0.3322



21.1627, 0.3204, 0.3430



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.



57.7469, 0.3374, 0.3743



96.0339, 0.3430, 0.3847



55.4216, 0.3229, 0.3764



13.0479, 0.3253, 0.3520



33.8679, 0.4051, 0.5165



1.7614, 0.4081, 0.5142

Inverse Universe

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



40.0240, 0.2854, 0.2801



60.7899, 0.2785, 0.2678



42.1457, 0.3007, 0.2822



10.8874, 0.2995, 0.3051



2.8345, 0.1529, 0.0616



0.1619, 0.1625, 0.0669

Previews

White Background



This preview shows how the Yxy color 57.7444, 0.3374, 0.3743 looks on a white background.

Color Contrast Check

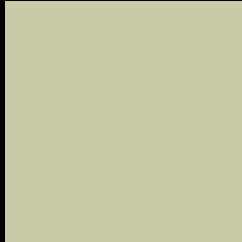
Large Text (above 18pt) WCAG AA × Fail

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 57.7444, 0.3374, 0.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

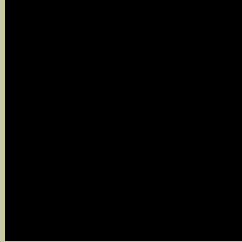
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

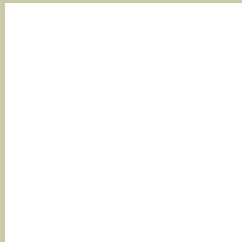
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7444, 0.3374, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 57.7444, 0.3374, 0.3743.



This preview shows how white text looks on a background with the Yxy color 57.7444, 0.3374, 0.3743.

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

57.7444, 0.3374, 0.3743

Protanopia

57.3761, 0.3490, 0.3708

Deuteranopia

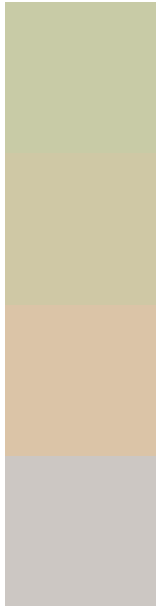
57.3494, 0.3638, 0.3564



Tritanopia

57.8078, 0.3089, 0.3116

Trichromacy



Original Color

57.7444, 0.3374, 0.3743

Protanomaly

57.2906, 0.3446, 0.3712

Deuteranomaly

57.3299, 0.3541, 0.3630

Tritanomaly

57.6243, 0.3196, 0.3338

Monochromacy



Original Color

57.7444, 0.3374, 0.3743

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9958, 0.3222, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7444, 0.3374, 0.3743 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(200, 203, 166)` looks like.

```
.text, #text, p{  
    color:rgb(200, 203, 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(200, 203, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 203, 166) }
```

Border

The CSS property to change the border of an element to Yxy 57.7444, 0.3374, 0.3743 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(200, 203, 166) }
```

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

```
.border{ border-color:rgb(200, 203, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 203, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 203, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 203, 166);  
box-shadow:4px 4px 4px 4px rgb(200, 203,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7444, 0.3374, 0.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 203, 166) }
```

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

```
.background{ background-color: rgb(200,  
203, 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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