

Converting Colors

$Yxy(57.1377, 0.3414, 0.3743)$

Have a look what the booklet for
Yxy(57.1377, 0.3414, 0.3743)
contains.

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Color

Yxy(57.1501, 0.3418, 0.3741)

Conversions

Conversions Part 1

Format	Color
Hex	CBC9A4
RGB	203, 201, 164
RGB Percent	80%, 79%, 64%
CMY	0.2039, 0.2117, 0.3569
CMYK	0.00, 0.01, 0.19, 0.20
HSL	57°, 27%, 72%
HSV	57°, 19%, 80%
XYZ	52.2157, 57.1501, 43.4011
YIQ	197.3800, 13.0690, -11.0830

Conversions

Conversions Part 2

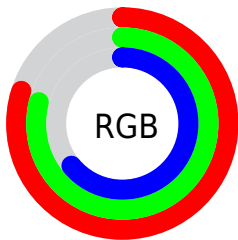
Format	Color
R _Y B	166, 203, 164
Decimal	13355428
CIE Lab	80.26, -5.43, 18.78
CIE LCh	80, 19.551, 106.117
Yxy	57.1501, 0.3418, 0.3741
Android (android.graphics.Color)	4291545508 (0xFFC9A4)
YUV	197.3800, -16.4563, 4.9287
Hunter-Lab	75.5977, -9.0050, 18.8796

Details

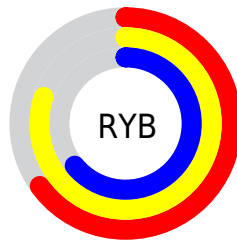
The Yxy color **57.1501, 0.3418, 0.3741** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.4751, 0.2813, 0.2795**, and the grayscale version is **56.1732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **28.4269, 0.3497, 0.3860** is the 20% darker color. If you saturate the color by 10%, you get **55.9946, 0.3574, 0.3980**, and if you desaturate by 10%, it is **58.4310, 0.3264, 0.3503**.

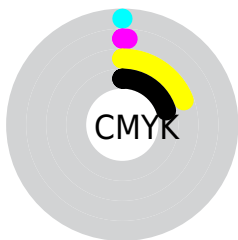
Distribution



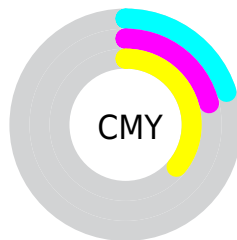
- Red (80%)
- Green (79%)
- Blue (64%)



- Red (65%)
- Yellow (80%)
- Blue (64%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (20%)





- Cyan (20%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1501, 0.3418, 0.3741 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 57.1501, 0.3418, 0.3741 by changing the saturation by 10% instead.

 57.1501, 0.3418,
0.3741

 57.1501, 0.3418,
0.3741


414.0115, 0.3279,
0.3521

 41.1258, 0.3451,
0.3794


 100.6842, 0.3369,
0.3662

 28.4174, 0.3491,
0.3861


 128.9627, 0.3350,
0.3632

 18.6405, 0.3543,
0.3949


162.0947, 0.3334,
0.3607

 11.4108, 0.3612,
0.4067

200.4647, 0.3320,
0.3585

 6.3439, 0.3705,
0.4235

244.4569, 0.3308,
0.3566

 3.0553, 0.3837,
0.4489

294.4559, 0.3297,

 1.1607, 0.4506,

0.3549

0.5494

350.8460, 0.3288,
0.3534

0.0292, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1501, 0.3418,
0.3741

57.1501, 0.3418,
0.3741

55.9946, 0.3574,
0.3980

58.4310, 0.3264,
0.3503

54.9513, 0.3727,
0.4211

59.8349, 0.3116,
0.3272

54.0169, 0.3871,
0.4425

61.3692, 0.2976,
0.3052

53.1847, 0.4000,
0.4614

63.0385, 0.2845,
0.2847

■ 52.4474, 0.4109,
0.4767

■ 64.1521, 0.2787,
0.2759

■ 51.7967, 0.4193,
0.4878

■ 64.6540, 0.2787,
0.2771

■ 51.2230, 0.4250,
0.4947

■ 65.1592, 0.2788,
0.2782

■ 50.7095, 0.4283,
0.4977

■ 65.6676, 0.2789,
0.2794

■ 50.6698, 0.4286,
0.4979

■ 66.1794, 0.2790,
0.2805

Harmonies

Analogous

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



57.1501, 0.3589, 0.3650



57.1501, 0.3418, 0.3741



57.1501, 0.3173, 0.3703

Triad

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



57.1501, 0.3418, 0.3741



57.1501, 0.2647, 0.3076



57.1501, 0.3323, 0.3057

Complementary

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



57.1501, 0.3418, 0.3741



39.4751, 0.2813, 0.2795

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.



57.1501, 0.3064, 0.2917



57.1501, 0.3418, 0.3741



57.1501, 0.2682, 0.2919

Square

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



57.1501, 0.3418, 0.3741



57.1501, 0.2733, 0.3304



57.1501, 0.2832, 0.2865



57.1501, 0.3535, 0.3256

Rectangle

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



57.1501, 0.3418, 0.3741



57.1501, 0.3003, 0.3606



57.1501, 0.2832, 0.2865



57.1501, 0.3238, 0.3002

Sweetspot

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



57.1526, 0.3418, 0.3741



98.5555, 0.3217, 0.3430



42.0233, 0.3477, 0.3258



21.0623, 0.3227, 0.3445



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.



57.1526, 0.3418, 0.3741



94.8837, 0.3482, 0.3839



55.8434, 0.3276, 0.3785



12.9946, 0.3267, 0.3508



32.2882, 0.4284, 0.4980



1.6965, 0.4265, 0.4996

Inverse Universe

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



39.4751, 0.2813, 0.2795



60.0098, 0.2737, 0.2675



40.6751, 0.2954, 0.2789



10.9344, 0.2982, 0.3063



2.9279, 0.1510, 0.0636



0.1840, 0.1544, 0.0757

Previews

White Background



This preview shows how the Yxy color 57.1501, 0.3418, 0.3741 looks on a white background.

Color Contrast Check

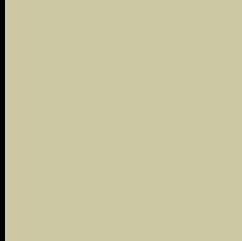
Large Text (above 18pt) WCAG AA × Fail

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 57.1501, 0.3418, 0.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

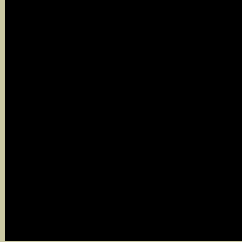
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

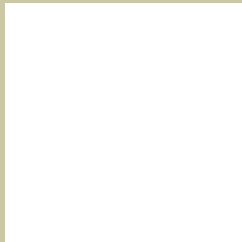
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1501, 0.3418, 0.3741

Background



This preview shows how black text looks on a background with the Yxy color 57.1501, 0.3418, 0.3741.



This preview shows how white text looks on a background with the Yxy color 57.1501, 0.3418, 0.3741.

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

57.1501, 0.3418, 0.3741

Protanopia

57.3401, 0.3497, 0.3721

Deuteranopia

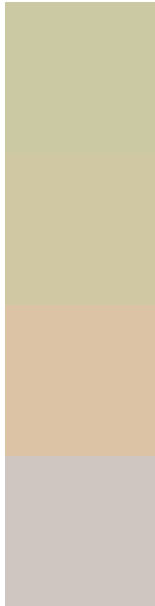
56.8378, 0.3658, 0.3575



Tritanopia

57.2387, 0.3127, 0.3116

Trichromacy



Original Color

57.1501, 0.3418, 0.3741

Protanomaly

57.3628, 0.3470, 0.3736

Deuteranomaly

56.9625, 0.3568, 0.3641

Tritanomaly

57.0482, 0.3237, 0.3338

Monochromacy



Original Color

57.1501, 0.3418, 0.3741

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.0331, 0.3231, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1501, 0.3418, 0.3741 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(203, 201, 164)` looks like.

```
.text, #text, p{  
    color:rgb(203, 201, 164)  
}
```

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(203, 201, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 201, 164) }
```

Border

The CSS property to change the border of an element to Yxy 57.1501, 0.3418, 0.3741 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(203, 201, 164) }
```

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

```
.border{ border-color:rgb(203, 201, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 201, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 201, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 201, 164);  
box-shadow:4px 4px 4px 4px rgb(203, 201,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1501, 0.3418, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 201, 164) }
```

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

```
.background{ background-color: rgb(203,  
201, 164) }
```

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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