

Converting Colors

$Yxy(57.4773, 0.3388, 0.3755)$

Have a look what the booklet for
Yxy(57.4773, 0.3388, 0.3755)
contains.

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Color

Yxy(57.2370, 0.3384, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	C8CAA5
RGB	200, 202, 165
RGB Percent	78%, 79%, 65%
CMY	0.2156, 0.2078, 0.3530
CMYK	0.01, 0.00, 0.18, 0.21
HSL	63°, 26%, 72%
HSV	63°, 18%, 79%
XYZ	51.7334, 57.2370, 43.9062
YIQ	197.1840, 10.6850, -11.9310

Conversions

Conversions Part 2

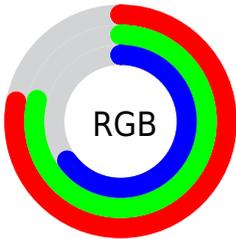
Format	Color
RYB	165, 202, 167
Decimal	13159077
CIELab	80.31, -6.90, 18.30
CIElCh	80, 19.557, 110.667
Yxy	57.2370, 0.3384, 0.3744
Android (android.graphics.Color)	4291349157 (0xFFC8CAA5)
YUV	197.1840, -15.8667, 2.4696
Hunter-Lab	75.6551, -10.3371, 18.5499

Details

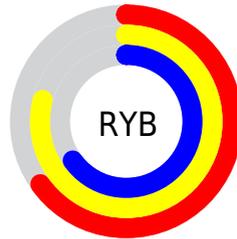
The Yxy color **57.2370, 0.3384, 0.3744** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.3767, 0.2844, 0.2797**, and the grayscale version is **56.0465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **28.4831, 0.3450, 0.3865** is the 20% darker color. If you saturate the color by 10%, you get **56.4129, 0.3525, 0.3997**, and if you desaturate by 10%, it is **58.1834, 0.3242, 0.3493**.

Distribution



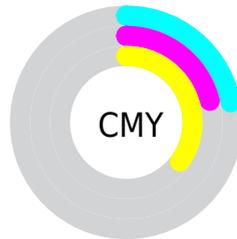
- Red (78%)
- Green (79%)
- Blue (65%)



- Red (65%)
- Yellow (79%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2370, 0.3384, 0.3744 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 57.2370, 0.3384, 0.3744 by changing the saturation by 10% instead.

 57.2370, 0.3384,
0.3744

 57.2370, 0.3384,
0.3744

414.3368, 0.3262,
0.3522

 41.1956, 0.3413,
0.3798

 100.8109, 0.3341,
0.3664

 28.4719, 0.3448,
0.3866

 129.1122, 0.3325,
0.3634

 18.6817, 0.3493,
0.3955

162.2688, 0.3310,
0.3609

 11.4405, 0.3553,
0.4076

200.6653, 0.3298,
0.3586

 6.3639, 0.3633,
0.4248

244.6859, 0.3287,
0.3567

 3.0676, 0.3746,
0.4512

294.7151, 0.3278,

 1.1671, 0.4405,

0.3550

0.5595

351.1373, 0.3269,
0.3535

0.0346, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.2370, 0.3384,
0.3744

57.2370, 0.3384,
0.3744

56.4129, 0.3525,
0.3997

58.1834, 0.3242,
0.3493

55.6980, 0.3661,
0.4245

59.2496, 0.3104,
0.3250

55.0891, 0.3787,
0.4476

60.4429, 0.2973,
0.3020

54.5796, 0.3896,
0.4683

61.7678, 0.2849,
0.2806

■ 54.1625, 0.3984,
0.4854

■ 62.5013, 0.2800,
0.2715

■ 53.8297, 0.4047,
0.4985

■ 62.6559, 0.2807,
0.2716

■ 53.5717, 0.4084,
0.5072

■ 62.8117, 0.2815,
0.2717

■ 53.3739, 0.4098,
0.5120

■ 62.9685, 0.2822,
0.2718

■ 53.3430, 0.4100,
0.5127

■ 63.1264, 0.2829,
0.2719

Harmonies

Analogous

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



57.2370, 0.3570, 0.3671



57.2370, 0.3384, 0.3744



57.2370, 0.3134, 0.3686

Triad

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



57.2370, 0.3384, 0.3744



57.2370, 0.2644, 0.3047



57.2370, 0.3360, 0.3085

Complementary

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



57.2370, 0.3384, 0.3744



39.3767, 0.2844, 0.2797

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.



57.2370, 0.3104, 0.2933



57.2370, 0.3384, 0.3744



57.2370, 0.2698, 0.2904

Square

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



57.2370, 0.3384, 0.3744



57.2370, 0.2713, 0.3267



57.2370, 0.2863, 0.2867



57.2370, 0.3558, 0.3289

Rectangle

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



57.2370, 0.3384, 0.3744



57.2370, 0.2966, 0.3577



57.2370, 0.2863, 0.2867



57.2370, 0.3278, 0.3026

Sweetspot

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



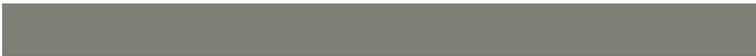
57.2395, 0.3384, 0.3744



99.0767, 0.3197, 0.3413



42.8466, 0.3476, 0.3315



21.1796, 0.3207, 0.3430



0.0000, 0.0000, 0.0000



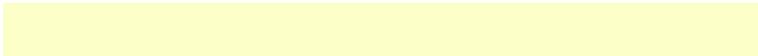
21.4041, 0.3127, 0.3290

Same Dimension

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



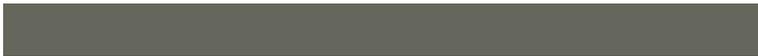
57.2395, 0.3384, 0.3744



96.3340, 0.3440, 0.3845



54.8584, 0.3235, 0.3766



13.0649, 0.3258, 0.3520



34.3378, 0.4101, 0.5126



1.7810, 0.4120, 0.5111

Inverse Universe

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



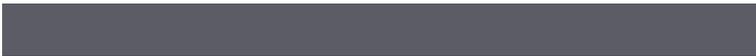
39.3767, 0.2844, 0.2797



60.5637, 0.2774, 0.2676



41.5225, 0.3001, 0.2819



10.8722, 0.2990, 0.3051



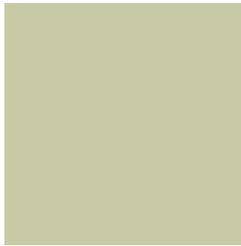
2.8012, 0.1519, 0.0610



0.1548, 0.1582, 0.0645

Previews

White Background



This preview shows how the Yxy color 57.2370, 0.3384, 0.3744 looks on a white background.

Color Contrast Check

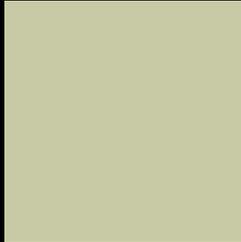
Large Text (above 18pt) WCAG AA × Fail

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 57.2370, 0.3384, 0.3744 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

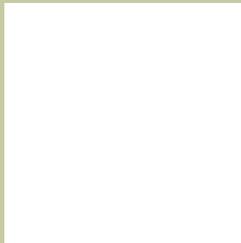
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2370, 0.3384, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 57.2370, 0.3384, 0.3744.



This preview shows how white text looks on a background with the Yxy color 57.2370, 0.3384, 0.3744.

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

57.2370, 0.3384, 0.3744

Protanopia

57.3401, 0.3497, 0.3721

Deuteranopia

57.3123, 0.3647, 0.3575



Tritanopia

57.3048, 0.3096, 0.3115

Trichromacy



Original Color

57.2370, 0.3384, 0.3744

Protanomaly

57.2543, 0.3454, 0.3725

Deuteranomaly

57.2931, 0.3549, 0.3642

Tritanomaly

57.1206, 0.3204, 0.3338

Monochromacy



Original Color

57.2370, 0.3384, 0.3744

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.3554, 0.3222, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2370, 0.3384, 0.3744 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, 202, 165)` looks like.

```
.text, #text, p{  
    color:rgb(200, 202, 165)  
}
```

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, 202, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 202, 165) }
```

Border

The CSS property to change the border of an element to Yxy 57.2370, 0.3384, 0.3744 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, 202, 165) }
```

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

```
.border{ border-color:rgb(200, 202, 165) }
```

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

Here you see how a box with a 4 pixel rgb(200, 202, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 202, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 202, 165);  
box-shadow:4px 4px 4px 4px rgb(200, 202,  
165) }
```

Background

The CSS property to change the background color of an element to Yxy 57.2370, 0.3384, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 202, 165) }
```

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

```
.background{ background-color: rgb(200,  
202, 165) }
```

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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