

Converting Colors

Yxy(58.0914, 0.3372, 0.3609)

Have a look what the booklet for
Yxy(58.0914, 0.3372, 0.3609)
contains.

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Color

Yxy(58.0947, 0.3375, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	CFC9AE
RGB	207, 201, 174
RGB Percent	81%, 79%, 68%
CMY	0.1884, 0.2117, 0.3176
CMYK	0.00, 0.03, 0.16, 0.19
HSL	49°, 26%, 75%
HSV	49°, 16%, 81%
XYZ	54.2528, 58.0947, 48.4015
YIQ	199.7160, 12.2430, -7.1250

Conversions

Conversions Part 2

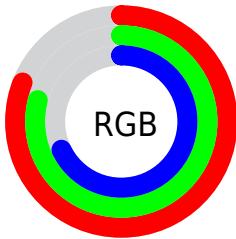
Format	Color
RYB	181, 207, 174
Decimal	13617582
CIELab	80.79, -2.44, 14.24
CIELCh	81, 14.452, 99.734
Yxy	58.0947, 0.3375, 0.3614
Android (android.graphics.Color)	4291807662 (0xFFCFC9AE)
YUV	199.7160, -12.6780, 6.3881
Hunter-Lab	76.2199, -6.3297, 15.7033

Details

The Yxy color **58.0947, 0.3375, 0.3614** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.1307, 0.2874, 0.2944**, and the grayscale version is **57.6481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **28.9480, 0.3429, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **55.6287, 0.3543, 0.3825**, and if you desaturate by 10%, it is **60.7327, 0.3216, 0.3408**.

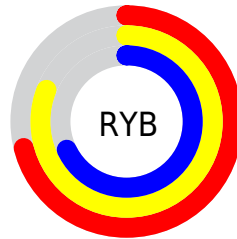
Distribution



Red (81%)

Green (79%)

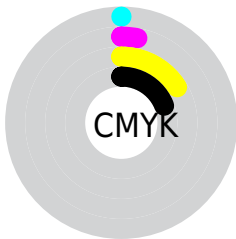
Blue (68%)



Red (71%)

Yellow (81%)

Blue (68%)

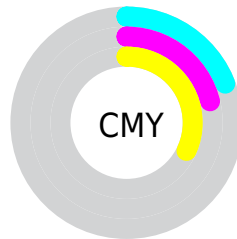


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (19%)



Cyan (19%)

Magenta (21%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.0947, 0.3375, 0.3614 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 58.0947, 0.3375, 0.3614 by changing the saturation by 10% instead.

■ 58.0947, 0.3375,
0.3614

■ 58.0947, 0.3375,
0.3614

417.5387, 0.3256,
0.3457

■ 41.8848, 0.3403,
0.3652

■ 102.0608, 0.3333,
0.3558

■ 29.0111, 0.3438,
0.3699

130.5857, 0.3317,
0.3537

■ 19.0892, 0.3484,
0.3761

163.9844, 0.3303,
0.3519

■ 11.7348, 0.3545,
0.3844

202.6413, 0.3291,
0.3503

■ 6.5633, 0.3630,
0.3962

246.9408, 0.3281,
0.3489

■ 3.1905, 0.3757,
0.4141

297.2673, 0.3272,

■ 1.2320, 0.4167,

0.3477

0.4675

354.0051, 0.3263,
0.3467

0.0876, 0.2124,
0.7876

0.0000, 0.0000,
0.0000

58.0947, 0.3375,
0.3614

58.0947, 0.3375,
0.3614

55.6287, 0.3543,
0.3825

60.7327, 0.3216,
0.3408

53.3210, 0.3716,
0.4034

63.5405, 0.3068,
0.3211

51.1677, 0.3889,
0.4233

66.5261, 0.2932,
0.3026

49.1619, 0.4056,
0.4413

69.5783, 0.2819,
0.2871

47.2959, 0.4210,
0.4563

71.5159, 0.2822,
0.2912

45.5611, 0.4344,
0.4675

73.4975, 0.2824,
0.2953

43.9476, 0.4451,
0.4742

75.5231, 0.2826,
0.2994

42.4429, 0.4529,
0.4763

77.5933, 0.2829,
0.3035

41.8517, 0.4556,
0.4765

79.7081, 0.2831,
0.3075

Harmonies

Analogous

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



58.0947, 0.3481, 0.3534



58.0947, 0.3375, 0.3614



58.0947, 0.3204, 0.3605

Triad

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



58.0947, 0.3375, 0.3614



58.0947, 0.2777, 0.3168



58.0947, 0.3233, 0.3090

Complementary

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



58.0947, 0.3375, 0.3614



46.1307, 0.2874, 0.2944

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.



58.0947, 0.3042, 0.2997



58.0947, 0.3375, 0.3614



58.0947, 0.2784, 0.3037

Square

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



58.0947, 0.3375, 0.3614



58.0947, 0.2861, 0.3340



58.0947, 0.2879, 0.2977



58.0947, 0.3399, 0.3233

Rectangle

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



58.0947, 0.3375, 0.3614



58.0947, 0.3077, 0.3546



58.0947, 0.2879, 0.2977



58.0947, 0.3170, 0.3052

Sweetspot

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



58.0973, 0.3375, 0.3614



97.7449, 0.3203, 0.3391



46.8335, 0.3373, 0.3217



20.8548, 0.3214, 0.3405



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.



58.0973, 0.3375, 0.3614



91.8046, 0.3430, 0.3683



59.4744, 0.3281, 0.3693



13.4191, 0.3270, 0.3479



26.5040, 0.4550, 0.4769



1.5790, 0.4473, 0.4830

Inverse Universe

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



46.1307, 0.2874, 0.2944



69.1763, 0.2816, 0.2863



45.0241, 0.2955, 0.2876



11.7582, 0.2982, 0.3094



3.7876, 0.1549, 0.0775



0.3187, 0.1638, 0.1095

Previews

White Background



This preview shows how the Yxy color 58.0947, 0.3375, 0.3614 looks on a white background.

Color Contrast Check

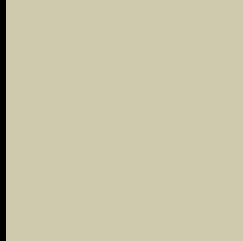
Large Text (above 18pt) WCAG AA × Fail

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 58.0947, 0.3375, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

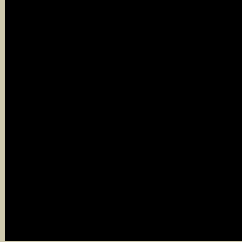
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

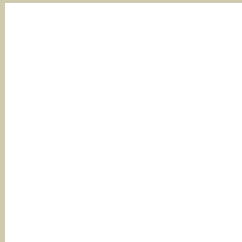
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0947, 0.3375, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 58.0947, 0.3375, 0.3614.



This preview shows how white text looks on a background with the Yxy color 58.0947, 0.3375, 0.3614.

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

58.0947, 0.3375, 0.3614

Protanopia

58.0273, 0.3410, 0.3612

Deuteranopia

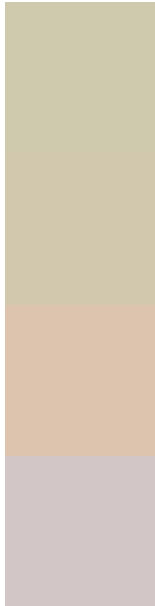
57.9325, 0.3561, 0.3484



Tritanopia

58.1801, 0.3143, 0.3118

Trichromacy



Original Color

58.0947, 0.3375, 0.3614

Protanomaly

57.8810, 0.3401, 0.3613

Deuteranomaly

57.9472, 0.3494, 0.3534

Tritanomaly

58.1670, 0.3222, 0.3290

Monochromacy



Original Color

58.0947, 0.3375, 0.3614

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7667, 0.3217, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0947, 0.3375, 0.3614 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, 201, 174)` looks like.

```
.text, #text, p{  
    color:rgb(207, 201, 174)  
}
```

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, 201, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 201, 174) }
```

Border

The CSS property to change the border of an element to Yxy 58.0947, 0.3375, 0.3614 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, 201, 174) }
```

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

```
.border{ border-color:rgb(207, 201, 174) }
```

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

Here you see how a box with a 4 pixel rgb(207, 201, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 201, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 201, 174);  
box-shadow:4px 4px 4px 4px rgb(207, 201,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0947, 0.3375, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 201, 174) }
```

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

```
.background{ background-color: rgb(207,  
201, 174) }
```

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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