

Converting Colors

$Yxy(47.9135, 0.3485, 0.3595)$

Have a look what the booklet for
Yxy(47.9135, 0.3485, 0.3595)
contains.

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Color

Yxy(47.7614, 0.3495, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	C8B59D
RGB	200, 181, 157
RGB Percent	78%, 71%, 62%
CMY	0.2156, 0.2902, 0.3844
CMYK	0.00, 0.10, 0.22, 0.22
HSL	33°, 28%, 70%
HSV	33°, 22%, 78%
XYZ	46.4328, 47.7614, 38.6608
YIQ	183.9450, 19.0280, -3.4360

Conversions

Conversions Part 2

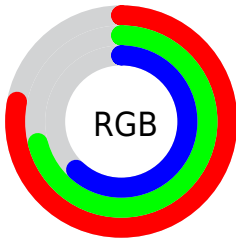
Format	Color
RYB	191, 200, 157
Decimal	13153693
CIELab	74.67, 2.95, 14.71
CIELCh	75, 15.005, 78.647
Yxy	47.7614, 0.3495, 0.3595
Android (android.graphics.Color)	4291343773 (0xFFC8B59D)
YUV	183.9450, -13.2839, 14.0802
Hunter-Lab	69.1096, -1.0126, 15.2091

Details

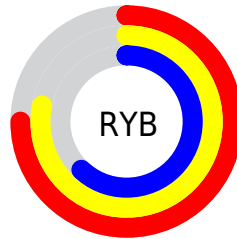
The Yxy color $47.7614, 0.3495, 0.3595$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $42.3921, 0.2787, 0.2965$, and the grayscale version is $47.9696, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.5818, 0.3410, 0.3540$, and $22.5899, 0.3600, 0.3668$ is the 20% darker color. If you saturate the color by 10%, you get $43.6528, 0.3699, 0.3744$, and if you desaturate by 10%, it is $52.2144, 0.3312, 0.3449$.

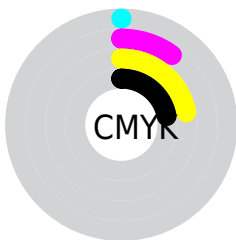
Distribution



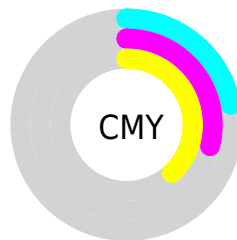
- Red (78%)
- Green (71%)
- Blue (62%)



- Red (75%)
- Yellow (78%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7614, 0.3495, 0.3595 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 47.7614, 0.3495, 0.3595 by changing the saturation by 10% instead.


 47.7614, 0.3495,
0.3595


 47.7614, 0.3495,
0.3595


377.8456, 0.3311,
0.3445

 33.6380, 0.3541,
0.3632


 86.8490, 0.3428,
0.3541

 22.6156, 0.3599,
0.3678


 112.5821, 0.3403,
0.3520

 14.3099, 0.3676,
0.3740


142.9537, 0.3382,
0.3503

 8.3366, 0.3783,
0.3823

178.3484, 0.3364,
0.3488

 4.3110, 0.3940,
0.3942

219.1506, 0.3348,
0.3475

 1.8490, 0.4204,
0.4139

265.7446, 0.3334,

 0.5175, 0.5215,

0.3464

0.4785

318.5148, 0.3322,
0.3454

0.0000, 0.0000,
0.0000

47.7614, 0.3495,
0.3595

47.7614, 0.3495,
0.3595

43.6528, 0.3699,
0.3744

52.2144, 0.3312,
0.3449

39.8725, 0.3922,
0.3891

57.0145, 0.3150,
0.3310

36.4125, 0.4162,
0.4029

62.1727, 0.3007,
0.3180

33.2618, 0.4411,
0.4146

67.6971, 0.2881,
0.3059

30.4086, 0.4659,
0.4232

73.4669, 0.2782,
0.2969

■ 27.8400, 0.4892,
0.4273

■ 78.3784, 0.2789,
0.3066

■ 25.5411, 0.5096,
0.4262

■ 83.5411, 0.2796,
0.3161

■ 23.7838, 0.5245,
0.4218

■ 88.9587, 0.2803,
0.3255

■ 91.0230, 0.2805,
0.3289

Harmonies

Analogous

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



47.7614, 0.3540, 0.3455



47.7614, 0.3495, 0.3595



47.7614, 0.3350, 0.3658

Triad

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



47.7614, 0.3495, 0.3595



47.7614, 0.2795, 0.3287



47.7614, 0.3095, 0.2990

Complementary

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



47.7614, 0.3495, 0.3595



42.3921, 0.2787, 0.2965

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.



47.7614, 0.2900, 0.2941



47.7614, 0.3495, 0.3595



47.7614, 0.2732, 0.3104

Square

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



47.7614, 0.3495, 0.3595



47.7614, 0.2946, 0.3478



47.7614, 0.2769, 0.2981



47.7614, 0.3304, 0.3112

Rectangle

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



47.7614, 0.3495, 0.3595



47.7614, 0.3219, 0.3642



47.7614, 0.2769, 0.2981



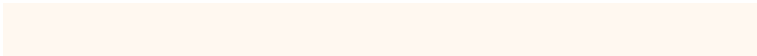
47.7614, 0.3025, 0.2965

Sweetspot

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



47.7636, 0.3495, 0.3595



94.8138, 0.3222, 0.3373



39.5391, 0.3369, 0.3044



20.1761, 0.3232, 0.3382



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.



47.7636, 0.3495, 0.3595



79.1461, 0.3591, 0.3667



55.7432, 0.3430, 0.3824



11.6019, 0.3276, 0.3419



15.2994, 0.5226, 0.4232



0.8671, 0.4954, 0.4448

Inverse Universe

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



42.3921, 0.2787, 0.2965



68.1478, 0.2707, 0.2881



35.6635, 0.2787, 0.2700



11.0463, 0.2983, 0.3158



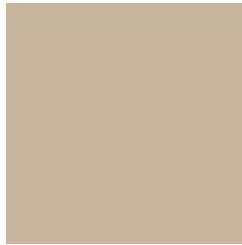
7.3049, 0.1724, 0.1406



0.4897, 0.1837, 0.1814

Previews

White Background



This preview shows how the Yxy color 47.7614, 0.3495, 0.3595 looks on a white background.

Color Contrast Check

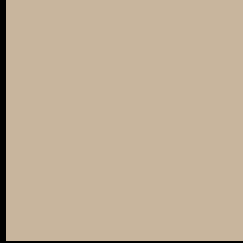
Large Text (above 18pt) WCAG AA × Fail

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 47.7614, 0.3495, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

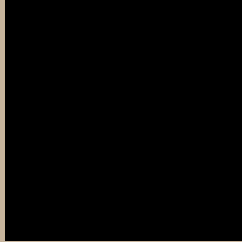
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

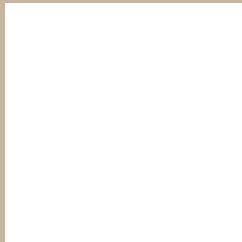
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.7614, 0.3495, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 47.7614, 0.3495, 0.3595.



This preview shows how white text looks on a background with the Yxy color 47.7614, 0.3495, 0.3595.

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

47.7614, 0.3495, 0.3595

Protanopia

47.6731, 0.3418, 0.3613

Deuteranopia

47.7618, 0.3598, 0.3524



Tritanopia

47.6057, 0.3258, 0.3119

Trichromacy



Original Color

47.7614, 0.3495, 0.3595

Protanomaly

47.6603, 0.3447, 0.3598

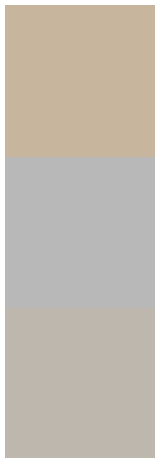
Deuteranomaly

47.5748, 0.3558, 0.3540

Tritanomaly

47.7517, 0.3348, 0.3291

Monochromacy



Original Color

47.7614, 0.3495, 0.3595

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.8701, 0.3259, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7614, 0.3495, 0.3595 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, 181, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 181, 157)  
}
```

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, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 181, 157) }
```

Border

The CSS property to change the border of an element to Yxy 47.7614, 0.3495, 0.3595 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, 181, 157) }
```

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

```
.border{ border-color:rgb(200, 181, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 181, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 181, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 181,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7614, 0.3495, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 181, 157) }
```

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

```
.background{ background-color: rgb(200,  
181, 157) }
```

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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