

Converting Colors

Yxy(59.9529, 0.3496, 0.3786)

Have a look what the booklet for
Yxy(59.9529, 0.3496, 0.3786)
contains.

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Color

Yxy(59.7914, 0.3501, 0.3787)

Conversions

Conversions Part 1

Format	Color
Hex	D4CCA2
RGB	212, 204, 162
RGB Percent	83%, 80%, 64%
CMY	0.1685, 0.2000, 0.3646
CMYK	0.00, 0.04, 0.24, 0.17
HSL	50°, 37%, 73%
HSV	50°, 24%, 83%
XYZ	55.2759, 59.7914, 42.8187
YIQ	201.6040, 18.2500, -11.3660

Conversions

Conversions Part 2

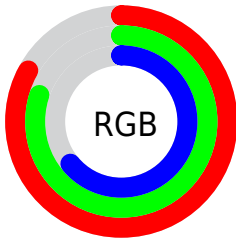
Format	Color
RYB	172, 212, 162
Decimal	13946018
CIELab	81.72, -3.88, 21.96
CIElCh	82, 22.302, 100.006
Yxy	59.7914, 0.3501, 0.3787
Android (android.graphics.Color)	4292136098 (0xFFD4CCA2)
YUV	201.6040, -19.5248, 9.1173
Hunter-Lab	77.3249, -7.7175, 21.2956

Details

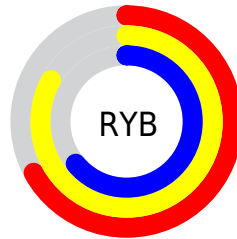
The Yxy color **59.7914, 0.3501, 0.3787** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.2149, 0.2736, 0.2739**, and the grayscale version is **58.9238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **30.1066, 0.3595, 0.3918** is the 20% darker color. If you saturate the color by 10%, you get **57.4980, 0.3671, 0.4002**, and if you desaturate by 10%, it is **62.2529, 0.3336, 0.3572**.

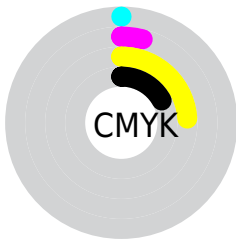
Distribution



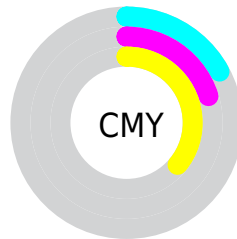
- Red (83%)
- Green (80%)
- Blue (64%)



- Red (67%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (24%)
- Black (17%)




- Cyan (17%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7914, 0.3501, 0.3787 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 59.7914, 0.3501, 0.3787 by changing the saturation by 10% instead.


 59.7914, 0.3501,
0.3787

 59.7914, 0.3501,
0.3787


423.8285, 0.3324,
0.3548

 43.2505, 0.3542,
0.3844

 104.5270, 0.3439,
0.3702

 30.0817, 0.3593,
0.3915


 133.4905, 0.3415,
0.3670

 19.9006, 0.3659,
0.4007


167.3637, 0.3394,
0.3642

 12.3228, 0.3744,
0.4129

206.5310, 0.3376,
0.3618

 6.9639, 0.3858,
0.4298

251.3767, 0.3361,
0.3597

 3.4396, 0.4018,
0.4544

302.2852, 0.3347,

 1.3653, 0.4626,

0.3579

359.6410, 0.3335,
0.3562

0.5374

0.1909, 0.3127,
0.6873

0.0000, 0.0000,
0.0000

59.7914, 0.3501,
0.3787

59.7914, 0.3501,
0.3787

57.4980, 0.3671,
0.4002

62.2529, 0.3336,
0.3572

55.3579, 0.3841,
0.4208

64.8806, 0.3181,
0.3363

53.3669, 0.4006,
0.4396

67.6829, 0.3035,
0.3163

51.5169, 0.4158,
0.4557

70.6652, 0.2902,
0.2976

■ 49.7993, 0.4290,
0.4681

■ 72.9642, 0.2855,
0.2930

■ 48.2039, 0.4396,
0.4761

■ 74.7851, 0.2857,
0.2967

■ 46.7184, 0.4474,
0.4795

■ 76.6429, 0.2858,
0.3004

■ 45.8109, 0.4512,
0.4799

■ 78.5377, 0.2860,
0.3041

■ 80.4698, 0.2862,
0.3077

Harmonies

Analogous

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



59.7914, 0.3669, 0.3658



59.7914, 0.3501, 0.3787



59.7914, 0.3237, 0.3778

Triad

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



59.7914, 0.3501, 0.3787



59.7914, 0.2598, 0.3095



59.7914, 0.3289, 0.2991

Complementary

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



59.7914, 0.3501, 0.3787



41.2149, 0.2736, 0.2739

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.



59.7914, 0.2998, 0.2853



59.7914, 0.3501, 0.3787



59.7914, 0.2610, 0.2901

Square

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



59.7914, 0.3501, 0.3787



59.7914, 0.2721, 0.3361



59.7914, 0.2752, 0.2817



59.7914, 0.3545, 0.3203

Rectangle

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



59.7914, 0.3501, 0.3787



59.7914, 0.3044, 0.3687



59.7914, 0.2752, 0.2817



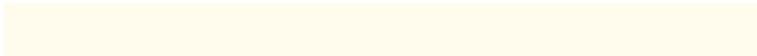
59.7914, 0.3191, 0.2935

Sweetspot

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



59.7941, 0.3501, 0.3787



97.0840, 0.3234, 0.3435



42.7668, 0.3533, 0.3189



20.7275, 0.3243, 0.3448



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.



59.7941, 0.3501, 0.3787



89.1105, 0.3580, 0.3888



61.3680, 0.3349, 0.3901



14.1637, 0.3270, 0.3484



28.3927, 0.4507, 0.4804



1.8057, 0.4444, 0.4854

Inverse Universe

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



41.2149, 0.2736, 0.2739



56.4318, 0.2649, 0.2611



40.1507, 0.2865, 0.2654



12.3283, 0.2982, 0.3088



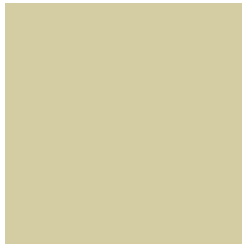
3.7413, 0.1540, 0.0745



0.3284, 0.1618, 0.1026

Previews

White Background



This preview shows how the Yxy color 59.7914, 0.3501, 0.3787 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 59.7914, 0.3501, 0.3787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

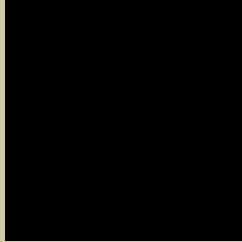
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

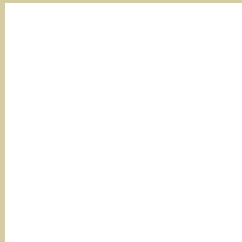
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7914, 0.3501, 0.3787

Background



This preview shows how black text looks on a background with the Yxy color 59.7914, 0.3501, 0.3787.



This preview shows how white text looks on a background with the Yxy color 59.7914, 0.3501, 0.3787.

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

59.7914, 0.3501, 0.3787

Protanopia

59.8840, 0.3544, 0.3783

Deuteranopia

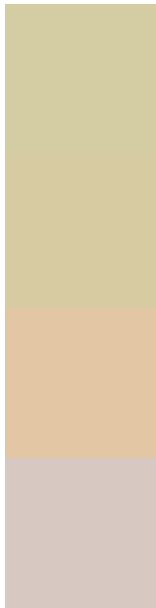
59.5434, 0.3713, 0.3636



Tritanopia

59.6420, 0.3175, 0.3110

Trichromacy



Original Color

59.7914, 0.3501, 0.3787

Protanomaly

59.7322, 0.3536, 0.3784

Deuteranomaly

59.3634, 0.3635, 0.3690

Tritanomaly

59.8025, 0.3298, 0.3360

Monochromacy



Original Color

59.7914, 0.3501, 0.3787

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.4215, 0.3267, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7914, 0.3501, 0.3787 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(212, 204, 162)` looks like.

```
.text, #text, p{  
    color:rgb(212, 204, 162)  
}
```

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(212, 204, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 204, 162) }
```

Border

The CSS property to change the border of an element to Yxy 59.7914, 0.3501, 0.3787 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(212, 204, 162) }
```

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

```
.border{ border-color:rgb(212, 204, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 204, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 204, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 204, 162); box-shadow:4px 4px 4px 4px rgb(212, 204, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7914, 0.3501, 0.3787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 204, 162) }
```

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

```
.background{ background-color: rgb(212,  
204, 162) }
```

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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