

Converting Colors

Yxy(59.4782, 0.3493, 0.3702)

Have a look what the booklet for
Yxy(59.4782, 0.3493, 0.3702)
contains.

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Color

Yxy(59.4782, 0.3493, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	D7CAA7
RGB	215, 202, 167
RGB Percent	84%, 79%, 65%
CMY	0.1568, 0.2078, 0.3452
CMYK	0.00, 0.06, 0.22, 0.16
HSL	44°, 38%, 75%
HSV	44°, 22%, 84%
XYZ	56.1203, 59.4782, 45.0665
YIQ	201.8970, 18.9830, -8.1290

Conversions

Conversions Part 2

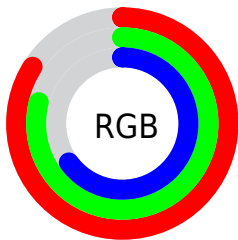
Format	Color
R _{YB}	185, 215, 167
Decimal	14142119
CIE Lab	81.55, -1.02, 19.15
CIE LCh	82, 19.175, 93.061
Yxy	59.4782, 0.3493, 0.3702
Android (android.graphics.Color)	4292332199 (0xFFD7CAA7)
YUV	201.8970, -17.2042, 11.4913
Hunter-Lab	77.1221, -5.0726, 19.3392

Details

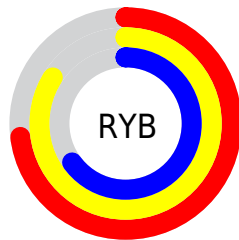
The Yxy color **59.4782, 0.3493, 0.3702** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.7533, 0.2764, 0.2841**, and the grayscale version is **59.0966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **29.8912, 0.3587, 0.3804** is the 20% darker color. If you saturate the color by 10%, you get **56.0698, 0.3677, 0.3893**, and if you desaturate by 10%, it is **63.1272, 0.3321, 0.3513**.

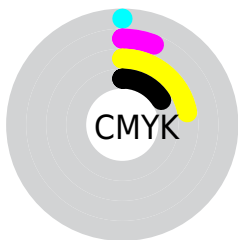
Distribution



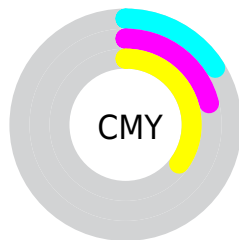
- Red (84%)
- Green (79%)
- Blue (65%)



- Red (73%)
- Yellow (84%)
- Blue (65%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (16%)





- Cyan (16%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4782, 0.3493, 0.3702 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 59.4782, 0.3493, 0.3702 by changing the saturation by 10% instead.

 59.4782, 0.3493,
0.3702


 59.4782, 0.3493,
0.3702


422.6718, 0.3318,
0.3504

 42.9982, 0.3534,
0.3749


 104.0724, 0.3431,
0.3632

 29.8837, 0.3585,
0.3807


 132.9553, 0.3408,
0.3605

 19.7503, 0.3651,
0.3882


166.7413, 0.3387,
0.3582

 12.2137, 0.3738,
0.3982

205.8148, 0.3370,
0.3563

 6.8894, 0.3859,
0.4121

250.5603, 0.3355,
0.3545

 3.3930, 0.4032,
0.4324

301.3620, 0.3341,

 1.3402, 0.4710,

0.3530

0.5085

358.6043, 0.3329,
0.3517

■ 0.1720, 0.4460,
0.5540

■ 0.0000, 0.0000,
0.0000

■ 59.4782, 0.3493,
0.3702

■ 59.4782, 0.3493,
0.3702

■ 56.0698, 0.3677,
0.3893

■ 63.1272, 0.3321,
0.3513

■ 52.8864, 0.3868,
0.4079

■ 67.0160, 0.3162,
0.3331

■ 49.9225, 0.4062,
0.4251

■ 71.1541, 0.3018,
0.3159

■ 47.1690, 0.4250,
0.4399

■ 75.5478, 0.2888,
0.2998

44.6160, 0.4425,
0.4512

78.8848, 0.2878,
0.3040

42.2524, 0.4577,
0.4582

82.2005, 0.2881,
0.3102

40.0649, 0.4699,
0.4602

85.6256, 0.2883,
0.3163

38.4927, 0.4776,
0.4590

89.1613, 0.2886,
0.3224

92.8083, 0.2888,
0.3283

Harmonies

Analogous

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



59.4782, 0.3609, 0.3571



59.4782, 0.3493, 0.3702



59.4782, 0.3280, 0.3722

Triad

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



59.4782, 0.3493, 0.3702



59.4782, 0.2684, 0.3174



59.4782, 0.3209, 0.2996

Complementary

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



59.4782, 0.3493, 0.3702



45.7533, 0.2764, 0.2841

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.



59.4782, 0.2962, 0.2894



59.4782, 0.3493, 0.3702



59.4782, 0.2666, 0.2986

Square

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



59.4782, 0.3493, 0.3702



59.4782, 0.2816, 0.3407



59.4782, 0.2765, 0.2888



59.4782, 0.3443, 0.3169

Rectangle

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



59.4782, 0.3493, 0.3702



59.4782, 0.3114, 0.3663



59.4782, 0.2765, 0.2888



59.4782, 0.3125, 0.2953

Sweetspot

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



59.4809, 0.3493, 0.3702



95.8580, 0.3235, 0.3416



45.3946, 0.3454, 0.3128



20.4429, 0.3245, 0.3427



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.



59.4809, 0.3493, 0.3702



85.0083, 0.3582, 0.3796



64.3192, 0.3381, 0.3859



13.9247, 0.3273, 0.3459



23.2042, 0.4765, 0.4599



1.5334, 0.4644, 0.4694

Inverse Universe

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



45.7533, 0.2764, 0.2841



61.2416, 0.2676, 0.2726



41.9252, 0.2835, 0.2683



12.5504, 0.2982, 0.3115



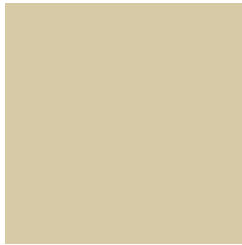
4.9091, 0.1595, 0.0941



0.4336, 0.1690, 0.1284

Previews

White Background



This preview shows how the Yxy color 59.4782, 0.3493, 0.3702 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 59.4782, 0.3493, 0.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

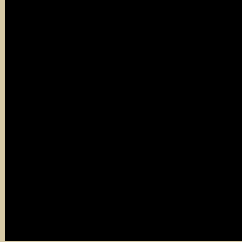
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

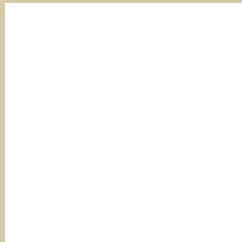
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.4782, 0.3493, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 59.4782, 0.3493, 0.3702.

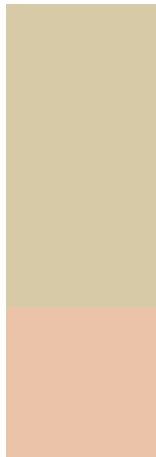


This preview shows how white text looks on a background with the Yxy color 59.4782, 0.3493, 0.3702.

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

59.4782, 0.3493, 0.3702

Protanopia

59.3272, 0.3484, 0.3703

Deuteranopia

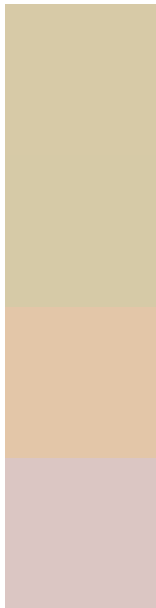
59.3498, 0.3664, 0.3593



Tritanopia

59.5552, 0.3214, 0.3122

Trichromacy



Original Color

59.4782, 0.3493, 0.3702

Protanomaly

59.3272, 0.3484, 0.3703

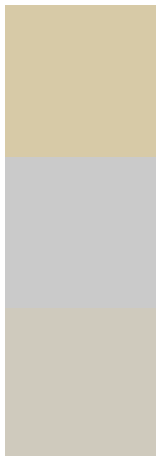
Deuteranomaly

59.5462, 0.3596, 0.3633

Tritanomaly

59.3884, 0.3318, 0.3325

Monochromacy



Original Color

59.4782, 0.3493, 0.3702

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.1806, 0.3261, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4782, 0.3493, 0.3702 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(215, 202, 167)` looks like.

```
.text, #text, p{  
    color:rgb(215, 202, 167)  
}
```

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(215, 202, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 202, 167) }
```

Border

The CSS property to change the border of an element to Yxy 59.4782, 0.3493, 0.3702 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(215, 202, 167) }
```

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

```
.border{ border-color:rgb(215, 202, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 202, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 202, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 202, 167);  
box-shadow:4px 4px 4px 4px rgb(215, 202,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4782, 0.3493, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 202, 167) }
```

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

```
.background{ background-color: rgb(215,  
202, 167) }
```

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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