

Converting Colors

Yxy(59.3637, 0.3624, 0.4010)

Have a look what the booklet for
Yxy(59.3637, 0.3624, 0.4010)
contains.

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Color

Yxy(59.5251, 0.3623, 0.4014)

Conversions

Conversions Part 1

Format	Color
Hex	D3CD90
RGB	211, 205, 144
RGB Percent	83%, 80%, 56%
CMY	0.1726, 0.1960, 0.4353
CMYK	0.00, 0.03, 0.32, 0.17
HSL	55°, 43%, 70%
HSV	55°, 32%, 83%
XYZ	53.7268, 59.5251, 35.0418
YIQ	199.8400, 23.1570, -17.6990

Conversions

Conversions Part 2

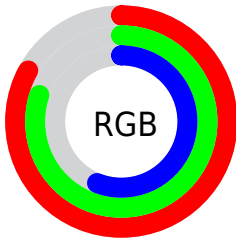
Format	Color
RYB	151, 211, 144
Decimal	13880720
CIELab	81.58, -7.18, 31.18
CIELCh	82, 31.999, 102.975
Yxy	59.5251, 0.3623, 0.4014
Android (android.graphics.Color)	4292070800 (0xFFD3CD90)
YUV	199.8400, -27.5291, 9.7873
Hunter-Lab	77.1525, -10.7146, 27.0779

Details

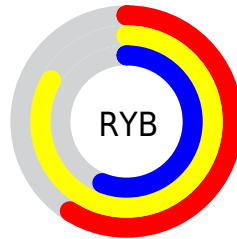
The Yxy color **59.5251, 0.3623, 0.4014** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.4377, 0.2575, 0.2445**, and the grayscale version is **57.8176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **29.9915, 0.3743, 0.4196** is the 20% darker color. If you saturate the color by 10%, you get **58.0459, 0.3781, 0.4236**, and if you desaturate by 10%, it is **61.1411, 0.3462, 0.3784**.

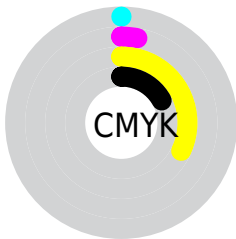
Distribution



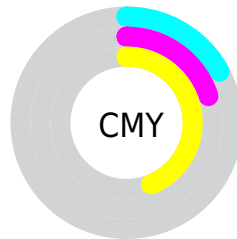
- Red (83%)
- Green (80%)
- Blue (56%)



- Red (59%)
- Yellow (83%)
- Blue (56%)



- Cyan (0%)
- Magenta (3%)
- Yellow (32%)
- Black (17%)





- Cyan (17%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5251, 0.3623, 0.4014 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 59.5251, 0.3623, 0.4014 by changing the saturation by 10% instead.


 59.5251, 0.3623,
0.4014


 59.5251, 0.3623,
0.4014

422.8451, 0.3391,
0.3665

 43.0360, 0.3675,
0.4096


 104.1405, 0.3543,
0.3891

 29.9133, 0.3739,
0.4199


 133.0355, 0.3512,
0.3843

 19.7728, 0.3818,
0.4330

166.8346, 0.3485,
0.3803

 12.2300, 0.3917,
0.4501

205.9221, 0.3461,
0.3768

 6.9005, 0.4041,
0.4732

250.6826, 0.3440,
0.3737

 3.4000, 0.4247,
0.5119

301.5003, 0.3422,

 1.3439, 0.4408,

0.3710

0.5592

358.7597, 0.3406,
0.3686

■ 0.1748, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5251, 0.3623,
0.4014

■ 59.5251, 0.3623,
0.4014

■ 58.0459, 0.3781,
0.4236

■ 61.1411, 0.3462,
0.3784

■ 56.6888, 0.3931,
0.4439


■ 62.8920, 0.3304,
0.3553

■ 55.4488, 0.4065,
0.4615

■ 64.7864, 0.3153,
0.3328


■ 54.3177, 0.4179,
0.4754


■ 66.8298, 0.3010,
0.3114


 53.2861, 0.4267,
0.4851

 69.0272, 0.2878,
0.2913

 52.3425, 0.4327,
0.4903

 70.3383, 0.2846,
0.2878

 51.6141, 0.4360,
0.4920

 71.3109, 0.2847,
0.2899

 72.2945, 0.2848,
0.2919

 73.2893, 0.2849,
0.2940

Harmonies

Analogous

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



59.5251, 0.3888, 0.3829



59.5251, 0.3623, 0.4014



59.5251, 0.3234, 0.3992

Triad

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



59.5251, 0.3623, 0.4014



59.5251, 0.2375, 0.2967



59.5251, 0.3397, 0.2895

Complementary

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



59.5251, 0.3623, 0.4014



32.4377, 0.2575, 0.2445

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.



59.5251, 0.2977, 0.2691



59.5251, 0.3623, 0.4014



59.5251, 0.2410, 0.2713

Square

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



59.5251, 0.3623, 0.4014



59.5251, 0.2524, 0.3346



59.5251, 0.2622, 0.2622



59.5251, 0.3760, 0.3192

Rectangle

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



59.5251, 0.3623, 0.4014



59.5251, 0.2961, 0.3846



59.5251, 0.2622, 0.2622



59.5251, 0.3256, 0.2814

Sweetspot

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



59.5278, 0.3623, 0.4014



97.0212, 0.3279, 0.3516



36.0178, 0.3776, 0.3208



20.6809, 0.3301, 0.3548



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.



59.5278, 0.3623, 0.4014



89.8563, 0.3729, 0.4163



58.8111, 0.3387, 0.4137



13.6096, 0.3268, 0.3500



31.2304, 0.4358, 0.4922



1.8003, 0.4324, 0.4949

Inverse Universe

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



32.4377, 0.2575, 0.2445



42.0454, 0.2440, 0.2233



33.2835, 0.2793, 0.2416



11.5849, 0.2982, 0.3071



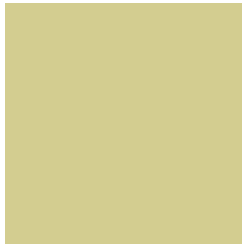
3.1807, 0.1518, 0.0664



0.2378, 0.1571, 0.0856

Previews

White Background



This preview shows how the Yxy color 59.5251, 0.3623, 0.4014 looks on a white background.

Color Contrast Check

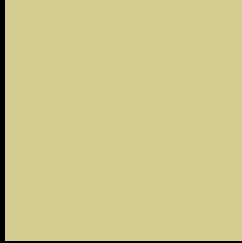
Large Text (above 18pt) WCAG AA × Fail

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 59.5251, 0.3623, 0.4014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

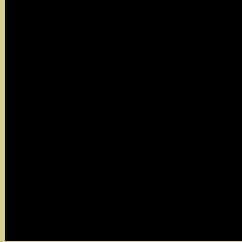
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5251, 0.3623, 0.4014

Background



This preview shows how black text looks on a background with the Yxy color 59.5251, 0.3623, 0.4014.



This preview shows how white text looks on a background with the Yxy color 59.5251, 0.3623, 0.4014.

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

59.5251, 0.3623, 0.4014

Protanopia

59.7551, 0.3705, 0.3987

Deuteranopia

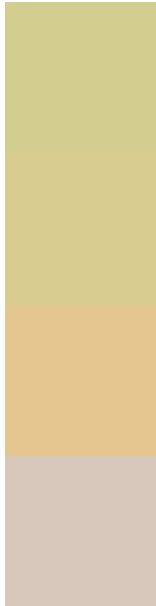
59.1842, 0.3897, 0.3818



Tritanopia

59.2934, 0.3191, 0.3110

Trichromacy



Original Color

59.5251, 0.3623, 0.4014

Protanomaly

59.7678, 0.3676, 0.4004

Deuteranomaly

59.0905, 0.3794, 0.3891

Tritanomaly

59.0336, 0.3353, 0.3430

Monochromacy



Original Color

59.5251, 0.3623, 0.4014

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.3737, 0.3304, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5251, 0.3623, 0.4014 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(211, 205, 144)` looks like.

```
.text, #text, p{  
    color:rgb(211, 205, 144)  
}
```

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(211, 205, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 205, 144) }
```

Border

The CSS property to change the border of an element to Yxy 59.5251, 0.3623, 0.4014 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(211, 205, 144) }
```

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

```
.border{ border-color:rgb(211, 205, 144) }
```

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

Here you see how a box with a 4 pixel rgb(211, 205, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 205, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 205, 144);  
box-shadow:4px 4px 4px 4px rgb(211, 205,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5251, 0.3623, 0.4014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 205, 144) }
```

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

```
.background{ background-color: rgb(211,  
205, 144) }
```

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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