

Converting Colors

$Yxy(59.4910, 0.3714, 0.3977)$

Have a look what the booklet for
Yxy(59.4910, 0.3714, 0.3977)
contains.

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Color

Yxy(59.4399, 0.3717, 0.3974)

Conversions

Conversions Part 1

Format	Color
Hex	DCCA8F
RGB	220, 202, 143
RGB Percent	86%, 79%, 56%
CMY	0.1372, 0.2078, 0.4391
CMYK	0.00, 0.08, 0.35, 0.14
HSL	46°, 52%, 71%
HSV	46°, 35%, 86%
XYZ	55.5959, 59.4399, 34.5362
YIQ	200.6560, 29.6670, -14.5330

Conversions

Conversions Part 2

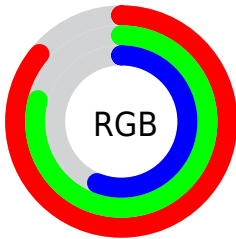
Format	Color
R _Y B	166, 220, 143
Decimal	14469775
CIE Lab	81.53, -2.24, 31.76
CIE LCh	82, 31.843, 94.041
Yxy	59.4399, 0.3717, 0.3974
Android (android.graphics.Color)	4292659855 (0xFFDCCA8F)
YUV	200.6560, -28.4244, 16.9647
Hunter-Lab	77.0973, -6.2014, 27.4088

Details

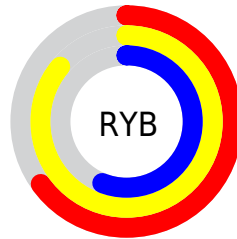
The Yxy color **59.4399, 0.3717, 0.3974** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.5062, 0.2529, 0.2495**, and the grayscale version is **58.3527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **29.8450, 0.3860, 0.4140** is the 20% darker color. If you saturate the color by 10%, you get **56.4656, 0.3902, 0.4165**, and if you desaturate by 10%, it is **62.6309, 0.3536, 0.3775**.

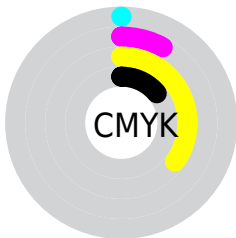
Distribution



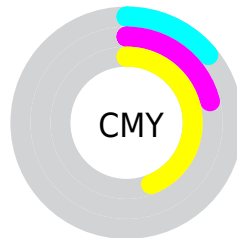
- Red (86%)
- Green (79%)
- Blue (56%)



- Red (65%)
- Yellow (86%)
- Blue (56%)



- Cyan (0%)
- Magenta (8%)
- Yellow (35%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4399, 0.3717, 0.3974 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 59.4399, 0.3717, 0.3974 by changing the saturation by 10% instead.

■ 59.4399, 0.3717,
0.3974

■ 59.4399, 0.3717,
0.3974

422.5302, 0.3439,
0.3648

■ 42.9673, 0.3781,
0.4049

■ 104.0167, 0.3620,
0.3860

■ 29.8595, 0.3859,
0.4143

■ 132.8898, 0.3583,
0.3816

■ 19.7320, 0.3956,
0.4260

166.6652, 0.3550,
0.3778

■ 12.2004, 0.4080,
0.4411

205.7272, 0.3522,
0.3745

■ 6.8803, 0.4238,
0.4609

250.4604, 0.3497,
0.3716

■ 3.3873, 0.4507,
0.4945

301.2490, 0.3476,

■ 1.3371, 0.4730,

0.3691

0.5270

358.4774, 0.3456,
0.3668

■ 0.1697, 0.3856,
0.6144

■ 0.0000, 0.0000,
0.0000

■ 59.4399, 0.3717,
0.3974

■ 59.4399, 0.3717,
0.3974

■ 56.4656, 0.3902,
0.4165

■ 62.6309, 0.3536,
0.3775

■ 53.6913, 0.4085,
0.4338

■ 66.0383, 0.3364,
0.3577

■ 51.1106, 0.4258,
0.4484

■ 69.6721, 0.3203,
0.3383

■ 48.7131, 0.4413,
0.4592

■ 73.5391, 0.3055,
0.3199

46.4869, 0.4543,
0.4654

77.6459, 0.2920,
0.3027

44.4176, 0.4642,
0.4668

80.6411, 0.2910,
0.3061

43.4287, 0.4684,
0.4663

83.5944, 0.2912,
0.3115

86.6334, 0.2914,
0.3168

89.7587, 0.2915,
0.3221

Harmonies

Analogous

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



59.4399, 0.3926, 0.3745



59.4399, 0.3717, 0.3974



59.4399, 0.3356, 0.4021

Triad

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



59.4399, 0.3717, 0.3974



59.4399, 0.2404, 0.3072



59.4399, 0.3271, 0.2824

Complementary

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



59.4399, 0.3717, 0.3974



36.5062, 0.2529, 0.2495

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.



59.4399, 0.2861, 0.2658



59.4399, 0.3717, 0.3974



59.4399, 0.2384, 0.2775

Square

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



59.4399, 0.3717, 0.3974



59.4399, 0.2604, 0.3468



59.4399, 0.2545, 0.2635



59.4399, 0.3663, 0.3097

Rectangle

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



59.4399, 0.3717, 0.3974



59.4399, 0.3082, 0.3921



59.4399, 0.2545, 0.2635



59.4399, 0.3130, 0.2755

Sweetspot

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



59.4426, 0.3717, 0.3974



94.7194, 0.3283, 0.3481



37.4852, 0.3746, 0.3060



20.1206, 0.3306, 0.3508



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.



59.4426, 0.3717, 0.3974



79.9639, 0.3853, 0.4116



65.5571, 0.3501, 0.4205



14.7207, 0.3273, 0.3468



25.6645, 0.4675, 0.4670



1.7904, 0.4580, 0.4745

Inverse Universe

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



36.5062, 0.2529, 0.2495



43.3724, 0.2388, 0.2293



32.5274, 0.2651, 0.2287



13.1089, 0.2981, 0.3105



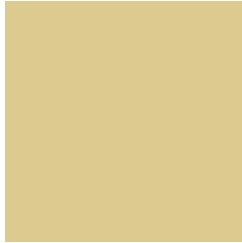
4.5874, 0.1573, 0.0863



0.4297, 0.1659, 0.1173

Previews

White Background



This preview shows how the Yxy color 59.4399, 0.3717, 0.3974 looks on a white background.

Color Contrast Check

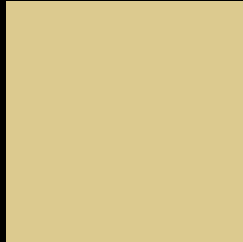
Large Text (above 18pt) WCAG AA × Fail

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 59.4399, 0.3717, 0.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

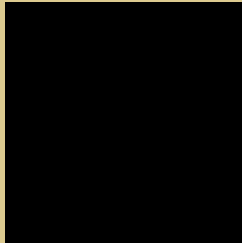
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4399, 0.3717, 0.3974

Background



This preview shows how black text looks on a background with the Yxy color 59.4399, 0.3717, 0.3974.



This preview shows how white text looks on a background with the Yxy color 59.4399, 0.3717, 0.3974.

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

59.4399, 0.3717, 0.3974

Protanopia

59.7551, 0.3705, 0.3987

Deuteranopia

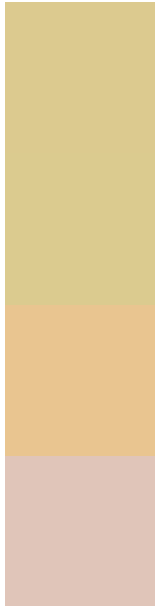
59.3287, 0.3914, 0.3826



Tritanopia

59.5179, 0.3280, 0.3124

Trichromacy



Original Color

59.4399, 0.3717, 0.3974

Protanomaly

59.7551, 0.3705, 0.3987

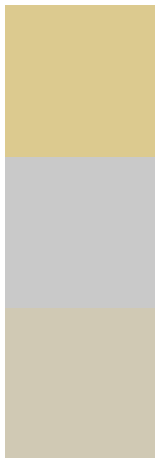
Deuteranomaly

59.2698, 0.3840, 0.3884

Tritanomaly

59.2826, 0.3438, 0.3428

Monochromacy



Original Color

59.4399, 0.3717, 0.3974

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4785, 0.3338, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4399, 0.3717, 0.3974 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(220, 202, 143)` looks like.

```
.text, #text, p{  
    color:rgb(220, 202, 143)  
}
```

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(220, 202, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 202, 143) }
```

Border

The CSS property to change the border of an element to Yxy 59.4399, 0.3717, 0.3974 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(220, 202, 143) }
```

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

```
.border{ border-color:rgb(220, 202, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 202, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 202, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 202, 143);  
box-shadow:4px 4px 4px 4px rgb(220, 202,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4399, 0.3717, 0.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 202, 143) }
```

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

```
.background{ background-color: rgb(220,  
202, 143) }
```

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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