

Converting Colors

$Yxy(38.8185, 0.3977, 0.3581)$

Have a look what the booklet for
Yxy(38.8185, 0.3977, 0.3581)
contains.

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Color

Yxy(38.8690, 0.3975, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	D59A82
RGB	213, 154, 130
RGB Percent	84%, 60%, 51%
CMY	0.1647, 0.3961, 0.4903
CMYK	0.00, 0.28, 0.39, 0.16
HSL	17°, 50%, 67%
HSV	17°, 39%, 84%
XYZ	43.0254, 38.8690, 26.3456
YIQ	168.9050, 42.8680, 5.0440

Conversions

Conversions Part 2

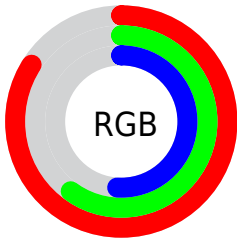
Format	Color
R _Y B	213, 164, 130
Decimal	13998722
CIE Lab	68.66, 19.01, 21.33
CIE LCh	69, 28.576, 48.287
Yxy	38.8690, 0.3975, 0.3591
Android (android.graphics.Color)	4292188802 (0xFFD59A82)
YUV	168.9050, -19.1802, 38.6713
Hunter-Lab	62.3450, 14.0823, 18.5869

Details

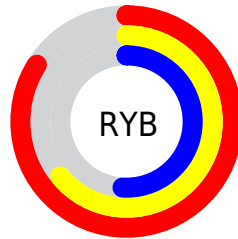
The Yxy color **38.8690, 0.3975, 0.3591** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9346, 0.2541, 0.2962**, and the grayscale version is **39.7078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2798, 0.3677, 0.3560**, and **17.3625, 0.4221, 0.3656** is the 20% darker color. If you saturate the color by 10%, you get **33.6713, 0.4289, 0.3665**, and if you desaturate by 10%, it is **44.8190, 0.3703, 0.3511**.

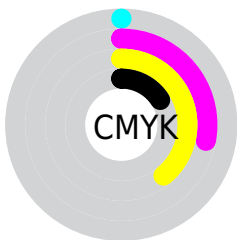
Distribution



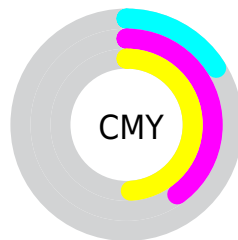
- Red (84%)
- Green (60%)
- Blue (51%)



- Red (84%)
- Yellow (64%)
- Blue (51%)



- Cyan (0%)
- Magenta (28%)
- Yellow (39%)
- Black (16%)





- Cyan (16%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.8690, 0.3975, 0.3591 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 38.8690, 0.3975, 0.3591 by changing the saturation by 10% instead.


 38.8690, 0.3975,
0.3591


 38.8690, 0.3975,
0.3591


341.3332, 0.3535,
0.3451


 26.6578, 0.4089,
0.3621


 73.4382, 0.3812,
0.3543

 17.3164, 0.4237,
0.3657


 96.5649, 0.3751,
0.3524

 10.4603, 0.4437,
0.3698


 124.0990, 0.3701,
0.3508

 5.7052, 0.4718,
0.3742

156.4248, 0.3658,
0.3494

 2.6667, 0.5147,
0.3780

193.9268, 0.3621,
0.3481

 0.9603, 0.6090,
0.3910

236.9892, 0.3588,

 0.0000, 1.0000,

0.3470

0.0000

285.9966, 0.3560,
0.3460

0.0000, 0.0000,
0.0000

38.8690, 0.3975,
0.3591

38.8690, 0.3975,
0.3591

33.6713, 0.4289,
0.3665

44.8190, 0.3703,
0.3511

29.1894, 0.4639,
0.3725

51.5444, 0.3471,
0.3431

25.3923, 0.5013,
0.3760

59.0744, 0.3276,
0.3355

22.2442, 0.5384,
0.3758

67.4351, 0.3112,
0.3283

19.7054, 0.5716,
0.3711

76.6510, 0.2974,
0.3217

■ 17.7273, 0.5978,
0.3624

■ 86.5654, 0.2873,
0.3184

■ 17.5532, 0.6003,
0.3615

■ 92.8870, 0.2877,
0.3289

Harmonies

Analogous

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



38.8690, 0.3828, 0.3248



38.8690, 0.3975, 0.3591



38.8690, 0.3875, 0.3889

Triad

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



38.8690, 0.3975, 0.3591



38.8690, 0.2758, 0.3687



38.8690, 0.2663, 0.2605

Complementary

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



38.8690, 0.3975, 0.3591



45.9346, 0.2541, 0.2962

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.



38.8690, 0.2417, 0.2668



38.8690, 0.3975, 0.3591



38.8690, 0.2467, 0.3272

Square

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



38.8690, 0.3975, 0.3591



38.8690, 0.3161, 0.3985



38.8690, 0.2347, 0.2899



38.8690, 0.3047, 0.2703

Rectangle

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



38.8690, 0.3975, 0.3591



38.8690, 0.3690, 0.4017



38.8690, 0.2347, 0.2899



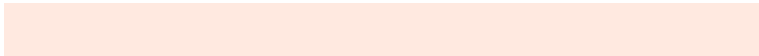
38.8690, 0.2563, 0.2607

Sweetspot

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



38.8709, 0.3975, 0.3591



85.0859, 0.3334, 0.3378



33.8014, 0.3408, 0.2579



17.8881, 0.3359, 0.3389



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.



38.8709, 0.3975, 0.3591



51.7002, 0.4239, 0.3655



54.7957, 0.3783, 0.4065



13.0004, 0.3284, 0.3358



10.8748, 0.5977, 0.3636



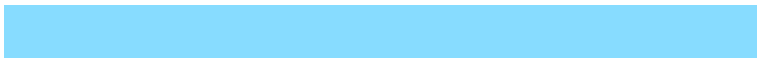
0.7975, 0.5633, 0.3909

Inverse Universe

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



45.9346, 0.2541, 0.2962



63.7366, 0.2426, 0.2877



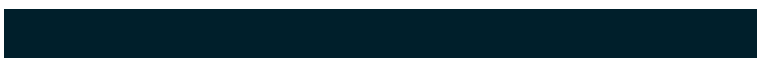
30.7180, 0.2451, 0.2368



13.4724, 0.2982, 0.3221



16.7089, 0.1979, 0.2325



1.1468, 0.2031, 0.2512

Previews

White Background



This preview shows how the Yxy color 38.8690, 0.3975, 0.3591 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 38.8690, 0.3975, 0.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

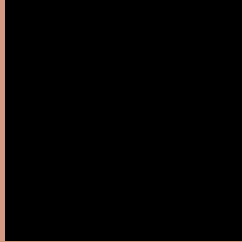
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8690, 0.3975, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 38.8690, 0.3975, 0.3591.



This preview shows how white text looks on a background with the Yxy color 38.8690, 0.3975, 0.3591.

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

38.8690, 0.3975, 0.3591

Protanopia

38.8800, 0.3509, 0.3725

Deuteranopia

38.9450, 0.3789, 0.3714



Tritanopia

38.9848, 0.3698, 0.3157

Trichromacy



Original Color

38.8690, 0.3975, 0.3591

Protanomaly

38.6383, 0.3675, 0.3669

Deuteranomaly

38.7352, 0.3864, 0.3666

Tritanomaly

38.7823, 0.3800, 0.3304

Monochromacy



Original Color

38.8690, 0.3975, 0.3591

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.2318, 0.3410, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8690, 0.3975, 0.3591 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(213, 154, 130)` looks like.

```
.text, #text, p{  
    color:rgb(213, 154, 130)  
}
```

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(213, 154, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 154, 130) }
```

Border

The CSS property to change the border of an element to Yxy 38.8690, 0.3975, 0.3591 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(213, 154, 130) }
```

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

```
.border{ border-color:rgb(213, 154, 130) }
```

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

Here you see how a box with a 4 pixel rgb(213, 154, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 154, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 154, 130);  
box-shadow:4px 4px 4px 4px rgb(213, 154,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8690, 0.3975, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 154, 130) }
```

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

```
.background{ background-color: rgb(213,  
154, 130) }
```

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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