

Converting Colors

$Yxy(38.8015, 0.4258, 0.3792)$

Have a look what the booklet for
Yxy(38.8015, 0.4258, 0.3792)
contains.

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Color

Yxy(38.7979, 0.4258, 0.3793)

Conversions

Conversions Part 1

Format	Color
Hex	DC986E
RGB	220, 152, 110
RGB Percent	86%, 60%, 43%
CMY	0.1373, 0.4039, 0.5687
CMYK	0.00, 0.31, 0.50, 0.14
HSL	23°, 61%, 65%
HSV	23°, 50%, 86%
XYZ	43.5543, 38.7979, 19.9360
YIQ	167.5440, 54.0100, 1.3540

Conversions

Conversions Part 2

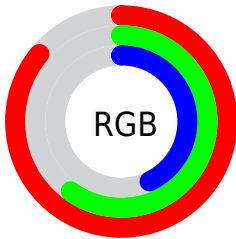
Format	Color
R _{YB}	220, 178, 110
Decimal	14456942
CIE Lab	68.60, 20.80, 32.30
CIE LCh	69, 38.422, 57.217
Yxy	38.7979, 0.4258, 0.3793
Android (android.graphics.Color)	4292647022 (0xFFDC986E)
YUV	167.5440, -28.3692, 46.0039
Hunter-Lab	62.2880, 15.8106, 24.6251

Details

The Yxy color **38.7979, 0.4258, 0.3793** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.2994, 0.2363, 0.2701**, and the grayscale version is **39.0444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4943, 0.3844, 0.3758**, and **17.3257, 0.4593, 0.3902** is the 20% darker color. If you saturate the color by 10%, you get **34.2160, 0.4576, 0.3873**, and if you desaturate by 10%, it is **44.0082, 0.3967, 0.3696**.

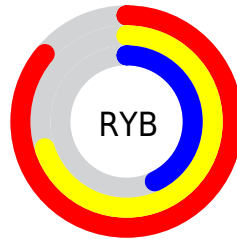
Distribution



Red (86%)

Green (60%)

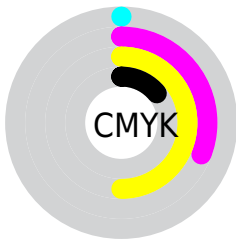
Blue (43%)



Red (86%)

Yellow (70%)

Blue (43%)

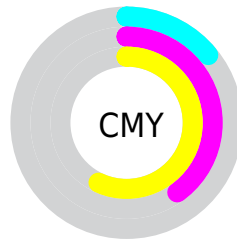


Cyan (0%)

Magenta (31%)

Yellow (50%)

Black (14%)



Cyan (14%)


Magenta (40%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7979, 0.4258, 0.3793 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 38.7979, 0.4258, 0.3793 by changing the saturation by 10% instead.


 38.7979, 0.4258,
0.3793


 38.7979, 0.4258,
0.3793


341.0305, 0.3676,
0.3564


 26.6025, 0.4405,
0.3840


 73.3295, 0.4045,
0.3717


 17.2749, 0.4592,
0.3892


 96.4345, 0.3965,
0.3686

 10.4307, 0.4836,
0.3946


 123.9448, 0.3898,
0.3659

 5.6855, 0.5162,
0.3990

 156.2449, 0.3840,
0.3635

 2.6548, 0.5844,
0.4156

193.7191, 0.3791,
0.3614

 0.9543, 0.6193,
0.3807

236.7519, 0.3747,

 0.0000, 1.0000,

0.3595

0.0000

285.7275, 0.3710,
0.3579

■ 0.0000, 0.0000,
0.0000

■ 38.7979, 0.4258,
0.3793

■ 38.7979, 0.4258,
0.3793

■ 34.2160, 0.4576,
0.3873

■ 44.0082, 0.3967,
0.3696

■ 30.2308, 0.4908,
0.3925

■ 49.8654, 0.3710,
0.3592

■ 26.8161, 0.5234,
0.3934

■ 56.3943, 0.3485,
0.3487

■ 23.9407, 0.5525,
0.3892

■ 63.6164, 0.3292,
0.3386

■ 21.5651, 0.5766,
0.3804

■ 71.5524, 0.3127,
0.3290

■ 80.2218, 0.2987,
0.3202

■ 89.0528, 0.2915,
0.3210

■ 93.9541, 0.2917,
0.3289

Harmonies

Analogous

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



38.7979, 0.4167, 0.3351



38.7979, 0.4258, 0.3793



38.7979, 0.4020, 0.4165

Triad

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



38.7979, 0.4258, 0.3793



38.7979, 0.2495, 0.3665



38.7979, 0.2643, 0.2414

Complementary

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



38.7979, 0.4258, 0.3793



40.2994, 0.2363, 0.2701

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.



38.7979, 0.2266, 0.2421



38.7979, 0.4258, 0.3793



38.7979, 0.2184, 0.3087

Square

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



38.7979, 0.4258, 0.3793



38.7979, 0.2991, 0.4157



38.7979, 0.2108, 0.2645



38.7979, 0.3184, 0.2597

Rectangle

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



38.7979, 0.4258, 0.3793



38.7979, 0.3724, 0.4309



38.7979, 0.2108, 0.2645



38.7979, 0.2495, 0.2394

Sweetspot

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



38.7998, 0.4258, 0.3793



83.6142, 0.3387, 0.3437



29.6404, 0.3627, 0.2483



17.4430, 0.3429, 0.3458



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.



38.7998, 0.4258, 0.3793



47.5233, 0.4592, 0.3877



60.1553, 0.3933, 0.4363



13.8631, 0.3282, 0.3380



12.8572, 0.5738, 0.3826



0.9964, 0.5434, 0.4067

Inverse Universe

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



40.2994, 0.2363, 0.2701



49.7653, 0.2224, 0.2551



23.0558, 0.2211, 0.1914



13.9502, 0.2982, 0.3199



13.5766, 0.1887, 0.1993



1.0441, 0.1952, 0.2228

Previews

White Background



This preview shows how the Yxy color 38.7979, 0.4258, 0.3793 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 38.7979, 0.4258, 0.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

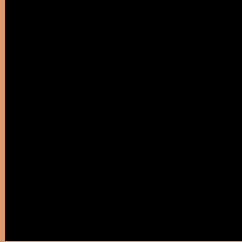
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7979, 0.4258, 0.3793

Background



This preview shows how black text looks on a background with the Yxy color 38.7979, 0.4258, 0.3793.



This preview shows how white text looks on a background with the Yxy color 38.7979, 0.4258, 0.3793.

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

38.7979, 0.4258, 0.3793

Protanopia

39.0900, 0.3715, 0.4011

Deuteranopia

38.7809, 0.4044, 0.3957



Tritanopia

38.8394, 0.3834, 0.3161

Trichromacy



Original Color

38.7979, 0.4258, 0.3793

Protanomaly

38.6577, 0.3906, 0.3926

Deuteranomaly

38.7734, 0.4125, 0.3890

Tritanomaly

38.7612, 0.4000, 0.3388

Monochromacy



Original Color

38.7979, 0.4258, 0.3793

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.5120, 0.3510, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7979, 0.4258, 0.3793 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, 152, 110)` looks like.

```
.text, #text, p{  
    color:rgb(220, 152, 110)  
}
```

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, 152, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 152, 110) }
```

Border

The CSS property to change the border of an element to Yxy 38.7979, 0.4258, 0.3793 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, 152, 110) }
```

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

```
.border{ border-color:rgb(220, 152, 110) }
```

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

Here you see how a box with a 4 pixel rgb(220, 152, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 152, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 152, 110);  
box-shadow:4px 4px 4px 4px rgb(220, 152,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7979, 0.4258, 0.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 152, 110) }
```

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

```
.background{ background-color: rgb(220,  
152, 110) }
```

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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