

Converting Colors

Yxy(39.9984, 0.4125, 0.3811)

Have a look what the booklet for
Yxy(39.9984, 0.4125, 0.3811)
contains.

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Color

Yxy(40.1386, 0.4122, 0.3817)

Conversions

Conversions Part 1

Format	Color
Hex	D79E73
RGB	215, 158, 115
RGB Percent	84%, 62%, 45%
CMY	0.1568, 0.3804, 0.5491
CMYK	0.00, 0.27, 0.47, 0.16
HSL	26°, 56%, 65%
HSV	26°, 47%, 84%
XYZ	43.3459, 40.1386, 21.6730
YIQ	170.1410, 47.7750, -1.2890

Conversions

Conversions Part 2

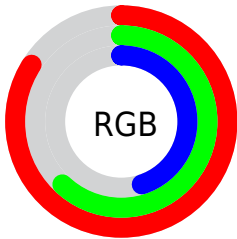
Format	Color
R _Y B	215, 190, 115
Decimal	14130803
CIE Lab	69.57, 16.04, 30.76
CIE LCh	70, 34.686, 62.464
Yxy	40.1386, 0.4122, 0.3817
Android (android.graphics.Color)	4292320883 (0xFFD79E73)
YUV	170.1410, -27.1845, 39.3413
Hunter-Lab	63.3550, 11.2539, 24.0662

Details

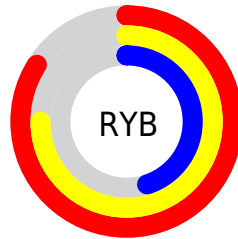
The Yxy color **40.1386, 0.4122, 0.3817** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.0440, 0.2401, 0.2680**, and the grayscale version is **40.3928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6385, 0.3785, 0.3766**, and **18.1778, 0.4412, 0.3942** is the 20% darker color. If you saturate the color by 10%, you get **35.7286, 0.4413, 0.3916**, and if you desaturate by 10%, it is **45.0847, 0.3856, 0.3704**.

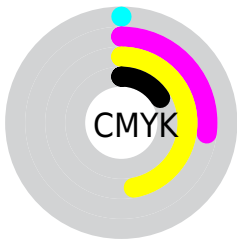
Distribution



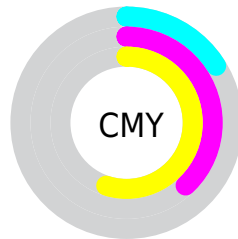
- Red (84%)
- Green (62%)
- Blue (45%)



- Red (84%)
- Yellow (75%)
- Blue (45%)



- Cyan (0%)
- Magenta (27%)
- Yellow (47%)
- Black (16%)





- Cyan (16%)
- Magenta (38%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1386, 0.4122, 0.3817 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 40.1386, 0.4122, 0.3817 by changing the saturation by 10% instead.


 40.1386, 0.4122,
0.3817

 40.1386, 0.4122,
0.3817


346.7074, 0.3613,
0.3569

 27.6466, 0.4250,
0.3871


 75.3745, 0.3936,
0.3732

 18.0594, 0.4413,
0.3935


 98.8873, 0.3866,
0.3699

 10.9927, 0.4627,
0.4008


 126.8424, 0.3807,
0.3670

 6.0619, 0.4913,
0.4085

159.6243, 0.3757,
0.3644

 2.8828, 0.5443,
0.4249

197.6173, 0.3713,
0.3622

 1.0708, 0.5882,
0.4118

241.2059, 0.3676,

 0.0000, 1.0000,

0.3602

0.0000

290.7745, 0.3642,
0.3585

■ 0.0000, 0.0000,
0.0000

■ 40.1386, 0.4122,
0.3817

■ 40.1386, 0.4122,
0.3817

■ 35.7286, 0.4413,
0.3916

■ 45.0847, 0.3856,
0.3704

■ 31.8284, 0.4720,
0.3990

■ 50.5799, 0.3619,
0.3587

■ 28.4182, 0.5027,
0.4026

■ 56.6442, 0.3411,
0.3471

■ 25.4738, 0.5310,
0.4012

■ 63.2945, 0.3231,
0.3359

■ 22.9673, 0.5550,
0.3944

■ 70.5472, 0.3076,
0.3255

■ 22.1882, 0.5627,
0.3914

■ 78.4177, 0.2942,
0.3158

■ 86.2279, 0.2884,
0.3174

■ 93.1882, 0.2889,
0.3289

Harmonies

Analogous

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



40.1386, 0.4091, 0.3423



40.1386, 0.4122, 0.3817



40.1386, 0.3869, 0.4121

Triad

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



40.1386, 0.4122, 0.3817



40.1386, 0.2499, 0.3535



40.1386, 0.2771, 0.2515

Complementary

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



40.1386, 0.4122, 0.3817



38.0440, 0.2401, 0.2680

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.



40.1386, 0.2398, 0.2492



40.1386, 0.4122, 0.3817



40.1386, 0.2250, 0.3033

Square

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



40.1386, 0.4122, 0.3817



40.1386, 0.2924, 0.3995



40.1386, 0.2216, 0.2664



40.1386, 0.3273, 0.2708

Rectangle

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



40.1386, 0.4122, 0.3817



40.1386, 0.3588, 0.4213



40.1386, 0.2216, 0.2664



40.1386, 0.2628, 0.2487

Sweetspot

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



40.1405, 0.4122, 0.3817



85.6111, 0.3366, 0.3443



29.7325, 0.3638, 0.2592



17.8830, 0.3407, 0.3468



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.



40.1405, 0.4122, 0.3817



52.5639, 0.4414, 0.3916



60.1517, 0.3852, 0.4343



13.2906, 0.3280, 0.3391



13.4718, 0.5601, 0.3935



0.9751, 0.5299, 0.4174

Inverse Universe

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



38.0440, 0.2401, 0.2680



49.0701, 0.2257, 0.2519



22.7914, 0.2270, 0.1956



13.1715, 0.2982, 0.3187



11.5493, 0.1841, 0.1826



0.8596, 0.1918, 0.2103

Previews

White Background



This preview shows how the Yxy color 40.1386, 0.4122, 0.3817 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 40.1386, 0.4122, 0.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

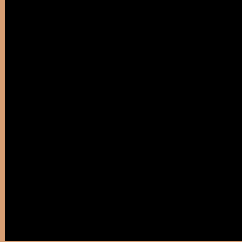
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1386, 0.4122, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 40.1386, 0.4122, 0.3817.



This preview shows how white text looks on a background with the Yxy color 40.1386, 0.4122, 0.3817.

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

40.1386, 0.4122, 0.3817

Protanopia

40.2959, 0.3701, 0.3974

Deuteranopia

40.2467, 0.3992, 0.3915



Tritanopia

40.1609, 0.3701, 0.3159

Trichromacy



Original Color

40.1386, 0.4122, 0.3817

Protanomaly

40.1825, 0.3848, 0.3924

Deuteranomaly

40.1145, 0.4043, 0.3881

Tritanomaly

40.0920, 0.3860, 0.3390

Monochromacy



Original Color

40.1386, 0.4122, 0.3817

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.9135, 0.3462, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1386, 0.4122, 0.3817 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, 158, 115)` looks like.

```
.text, #text, p{  
    color:rgb(215, 158, 115)  
}
```

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, 158, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 158, 115) }
```

Border

The CSS property to change the border of an element to Yxy 40.1386, 0.4122, 0.3817 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, 158, 115) }
```

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

```
.border{ border-color:rgb(215, 158, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 158, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 158, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 158, 115);  
box-shadow:4px 4px 4px 4px rgb(215, 158,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1386, 0.4122, 0.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 158, 115) }
```

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

```
.background{ background-color: rgb(215,  
158, 115) }
```

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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