

Converting Colors

$Y_{xy}(40.3511, 0.4118, 0.3578)$

Have a look what the booklet for
Yxy(40.3511, 0.4118, 0.3578)
contains.

Yxy(40.3750, 0.4110, 0.3576)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(40.3750, 0.4110, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	E19981
RGB	225, 153, 129
RGB Percent	88%, 60%, 51%
CMY	0.1177, 0.4000, 0.4940
CMYK	0.00, 0.32, 0.43, 0.12
HSL	15°, 62%, 69%
HSV	15°, 43%, 88%
XYZ	46.4042, 40.3750, 26.1263
YIQ	171.7920, 50.6160, 7.8000

Conversions

Conversions Part 2

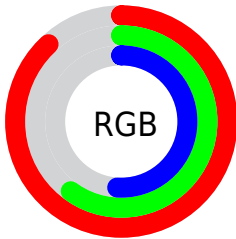
Format	Color
R_{YB}	225, 161, 129
Decimal	14784897
CIE _{Lab}	69.74, 24.16, 23.54
CIE _{LCh}	70, 33.731, 44.256
Yxy	40.3750, 0.4110, 0.3576
Android (android.graphics.Color)	4292974977 (0xFFE19981)
YUV	171.7920, -21.0965, 46.6634
Hunter-Lab	63.5413, 19.1610, 20.1006

Details

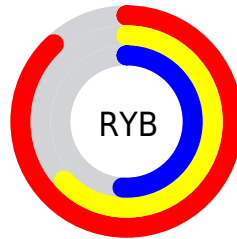
The Yxy color **40.3750, 0.4110, 0.3576** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **51.8835, 0.2497, 0.2976**, and the grayscale version is **41.2358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7491, 0.3688, 0.3560**, and **18.1020, 0.4402, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **34.7031, 0.4453, 0.3636**, and if you desaturate by 10%, it is **46.9640, 0.3812, 0.3508**.

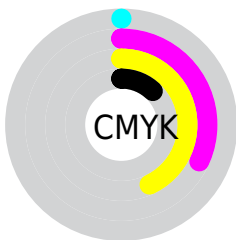
Distribution



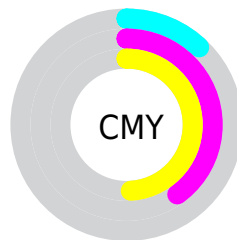
- Red (88%)
- Green (60%)
- Blue (51%)



- Red (88%)
- Yellow (63%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (43%)
- Black (12%)





- Cyan (12%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3750, 0.4110, 0.3576 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 40.3750, 0.4110, 0.3576 by changing the saturation by 10% instead.


 40.3750, 0.4110,
0.3576


 40.3750, 0.4110,
0.3576


347.7016, 0.3603,
0.3450


 27.8310, 0.4240,
0.3601


 75.7342, 0.3923,
0.3535

 18.1983, 0.4408,
0.3628


 99.3183, 0.3853,
0.3518

 11.0925, 0.4631,
0.3655


 127.3511, 0.3795,
0.3503

 6.1291, 0.4942,
0.3676

160.2172, 0.3745,
0.3490

 2.9237, 0.5405,
0.3673

198.3009, 0.3702,
0.3478

 1.0920, 0.6319,
0.3681

241.9866, 0.3665,

 0.0000, 1.0000,

0.3468

0.0000

291.6587, 0.3632,
0.3458

0.0000, 0.0000,
0.0000

40.3750, 0.4110,
0.3576

40.3750, 0.4110,
0.3576

34.7031, 0.4453,
0.3636

46.9640, 0.3812,
0.3508

29.9009, 0.4833,
0.3679

54.5029, 0.3559,
0.3438

25.9258, 0.5228,
0.3694

63.0299, 0.3346,
0.3370


22.7288, 0.5605,
0.3671

72.5795, 0.3169,
0.3306

20.2551, 0.5919,
0.3606

83.1843, 0.3021,
0.3247

 18.8557, 0.6097,
0.3541

 94.2809, 0.2946,
0.3282

 94.7459, 0.2946,
0.3289

Harmonies

Analogous

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



40.3750, 0.3902, 0.3184



40.3750, 0.4110, 0.3576



40.3750, 0.4027, 0.3937

Triad

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



40.3750, 0.4110, 0.3576



40.3750, 0.2753, 0.3817



40.3750, 0.2541, 0.2501

Complementary

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



40.3750, 0.4110, 0.3576



51.8835, 0.2497, 0.2976

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.



40.3750, 0.2286, 0.2593



40.3750, 0.4110, 0.3576



40.3750, 0.2397, 0.3330

Square

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



40.3750, 0.4110, 0.3576



40.3750, 0.3227, 0.4136



40.3750, 0.2235, 0.2880



40.3750, 0.2965, 0.2592

Rectangle

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



40.3750, 0.4110, 0.3576



40.3750, 0.3828, 0.4110



40.3750, 0.2235, 0.2880



40.3750, 0.2435, 0.2510

Sweetspot

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



40.3770, 0.4110, 0.3576



83.1939, 0.3355, 0.3373



36.0070, 0.3394, 0.2462



17.2462, 0.3399, 0.3388



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.



40.3770, 0.4110, 0.3576



47.0050, 0.4406, 0.3629



58.6230, 0.3874, 0.4090



14.2542, 0.3286, 0.3349



11.0232, 0.6071, 0.3561



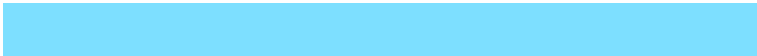
0.9049, 0.5768, 0.3802

Inverse Universe

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



51.8835, 0.2497, 0.2976



64.0862, 0.2387, 0.2899



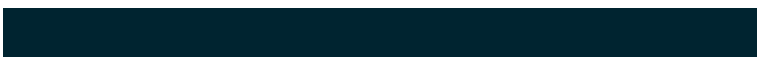
33.4213, 0.2389, 0.2327



14.9619, 0.2982, 0.3230



19.6306, 0.2018, 0.2463



1.4998, 0.2057, 0.2605

Previews

White Background



This preview shows how the Yxy color 40.3750, 0.4110, 0.3576 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 40.3750, 0.4110, 0.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

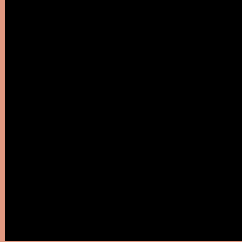
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3750, 0.4110, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 40.3750, 0.4110, 0.3576.



This preview shows how white text looks on a background with the Yxy color 40.3750, 0.4110, 0.3576.

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

40.3750, 0.4110, 0.3576

Protanopia

40.3794, 0.3520, 0.3746

Deuteranopia

40.6398, 0.3845, 0.3769



Tritanopia

40.5269, 0.3832, 0.3164

Trichromacy



Original Color

40.3750, 0.4110, 0.3576

Protanomaly

40.1425, 0.3728, 0.3686

Deuteranomaly

40.4018, 0.3935, 0.3693

Tritanomaly

40.3135, 0.3935, 0.3304

Monochromacy



Original Color

40.3750, 0.4110, 0.3576

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.3869, 0.3457, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3750, 0.4110, 0.3576 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(225, 153, 129)` looks like.

```
.text, #text, p{  
    color:rgb(225, 153, 129)  
}
```

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(225, 153, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 153, 129) }
```

Border

The CSS property to change the border of an element to Yxy 40.3750, 0.4110, 0.3576 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(225, 153, 129) }
```

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

```
.border{ border-color:rgb(225, 153, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 153, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 153, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 153, 129); box-shadow:4px 4px 4px 4px rgb(225, 153, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3750, 0.4110, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 153, 129) }
```

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

```
.background{ background-color: rgb(225,  
153, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor