

Converting Colors

Yxy(40.2314, 0.4423, 0.3896)

Have a look what the booklet for
Yxy(40.2314, 0.4423, 0.3896)
contains.

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Color

Yxy(40.1965, 0.4423, 0.3892)

Conversions

Conversions Part 1

Format	Color
Hex	E49964
RGB	228, 153, 100
RGB Percent	89%, 60%, 39%
CMY	0.1060, 0.3999, 0.6079
CMYK	0.00, 0.33, 0.56, 0.11
HSL	25°, 70%, 64%
HSV	25°, 56%, 89%
XYZ	45.6807, 40.1965, 17.4026
YIQ	169.3830, 61.7130, -0.5830

Conversions

Conversions Part 2

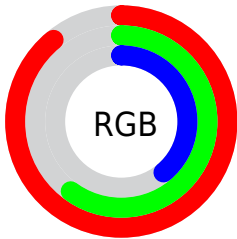
Format	Color
R _Y B	228, 190, 100
Decimal	14981476
CIE Lab	69.61, 22.65, 39.06
CIE LCh	70, 45.154, 59.897
Yxy	40.1965, 0.4423, 0.3892
Android (android.graphics.Color)	4293171556 (0xFFE49964)
YUV	169.3830, -34.2058, 51.4071
Hunter-Lab	63.4007, 17.6593, 28.1062

Details

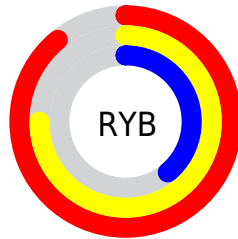
The Yxy color **40.1965, 0.4423, 0.3892** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.9462, 0.2266, 0.2552**, and the grayscale version is **40.0261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6387, 0.3916, 0.3869**, and **18.1768, 0.4784, 0.4005** is the 20% darker color. If you saturate the color by 10%, you get **35.6877, 0.4738, 0.3963**, and if you desaturate by 10%, it is **45.3219, 0.4125, 0.3796**.

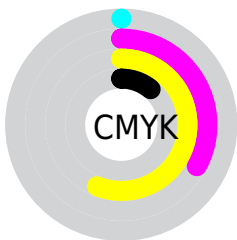
Distribution



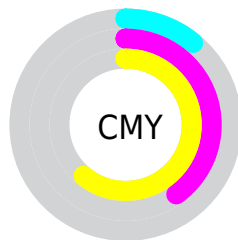
- Red (89%)
- Green (60%)
- Blue (39%)



- Red (89%)
- Yellow (75%)
- Blue (39%)



- Cyan (0%)
- Magenta (33%)
- Yellow (56%)
- Black (11%)





- Cyan (11%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1965, 0.4423, 0.3892 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 40.1965, 0.4423, 0.3892 by changing the saturation by 10% instead.


 40.1965, 0.4423,
0.3892


 40.1965, 0.4423,
0.3892


346.9511, 0.3765,
0.3626


 27.6918, 0.4584,
0.3942


 75.4626, 0.4185,
0.3806


 18.0935, 0.4784,
0.3995


 98.9929, 0.4095,
0.3771

 11.0171, 0.5040,
0.4044


 126.9670, 0.4019,
0.3739

 6.0783, 0.5367,
0.4071

 159.7696, 0.3954,
0.3711

 2.8928, 0.5895,
0.4105

197.7848, 0.3897,
0.3686

 1.0760, 0.6246,
0.3754

241.3973, 0.3847,

 0.0000, 1.0000,

0.3664

0.0000

290.9912, 0.3804,
0.3644

0.0000, 0.0000,
0.0000

40.1965, 0.4423,
0.3892

40.1965, 0.4423,
0.3892

35.6877, 0.4738,
0.3963

45.3219, 0.4125,
0.3796

31.7628, 0.5053,
0.3996

51.0825, 0.3855,
0.3687

28.3946, 0.5346,
0.3980


57.5035, 0.3615,
0.3573


25.5498, 0.5593,
0.3909


64.6066, 0.3406,
0.3460

24.5786, 0.5678,
0.3873

72.4125, 0.3225,
0.3353

 80.9410, 0.3070,
0.3252

 89.9133, 0.2963,
0.3204

 95.2305, 0.2964,
0.3290

Harmonies

Analogous

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



40.1965, 0.4361, 0.3391



40.1965, 0.4423, 0.3892



40.1965, 0.4108, 0.4319

Triad

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



40.1965, 0.4423, 0.3892



40.1965, 0.2354, 0.3664



40.1965, 0.2615, 0.2304

Complementary

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



40.1965, 0.4423, 0.3892



38.9462, 0.2266, 0.2552

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.



40.1965, 0.2171, 0.2286



40.1965, 0.4423, 0.3892



40.1965, 0.2029, 0.2989

Square

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



40.1965, 0.4423, 0.3892



40.1965, 0.2904, 0.4273



40.1965, 0.1971, 0.2507



40.1965, 0.3249, 0.2528

Rectangle

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



40.1965, 0.4423, 0.3892



40.1965, 0.3751, 0.4484



40.1965, 0.1971, 0.2507



40.1965, 0.2442, 0.2273

Sweetspot

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



40.1985, 0.4423, 0.3892



82.3739, 0.3425, 0.3471



28.7669, 0.3770, 0.2440



17.2235, 0.3465, 0.3494



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.



40.1985, 0.4423, 0.3892



45.3259, 0.4778, 0.3970



66.1023, 0.4003, 0.4513



15.3441, 0.3282, 0.3388



14.4167, 0.5652, 0.3895



1.2450, 0.5390, 0.4102

Inverse Universe

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



38.9462, 0.2266, 0.2552



43.4791, 0.2122, 0.2372



20.0701, 0.2075, 0.1657



15.2828, 0.2981, 0.3190



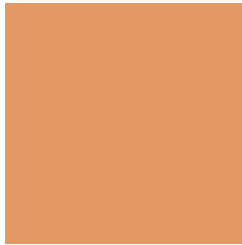
13.2437, 0.1855, 0.1876



1.1609, 0.1918, 0.2103

Previews

White Background



This preview shows how the Yxy color 40.1965, 0.4423, 0.3892 looks on a white background.

Color Contrast Check

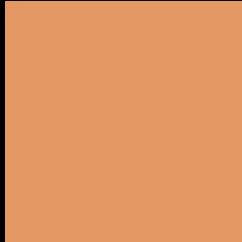
Large Text (above 18pt) WCAG AA × Fail

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 40.1965, 0.4423, 0.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

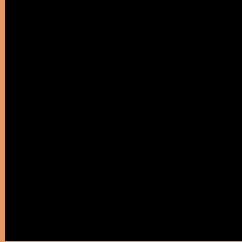
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1965, 0.4423, 0.3892

Background



This preview shows how black text looks on a background with the Yxy color 40.1965, 0.4423, 0.3892.



This preview shows how white text looks on a background with the Yxy color 40.1965, 0.4423, 0.3892.

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

40.1965, 0.4423, 0.3892

Protanopia

40.2501, 0.3834, 0.4139

Deuteranopia

40.4861, 0.4173, 0.4090



Tritanopia

40.1479, 0.3914, 0.3166

Trichromacy



Original Color

40.1965, 0.4423, 0.3892

Protanomaly

39.9679, 0.4045, 0.4056

Deuteranomaly

40.1442, 0.4262, 0.4010

Tritanomaly

40.2614, 0.4117, 0.3443

Monochromacy



Original Color

40.1965, 0.4423, 0.3892

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.1552, 0.3566, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1965, 0.4423, 0.3892 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(228, 153, 100)` looks like.

```
.text, #text, p{  
    color:rgb(228, 153, 100)  
}
```

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(228, 153, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 153, 100) }
```

Border

The CSS property to change the border of an element to Yxy 40.1965, 0.4423, 0.3892 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(228, 153, 100) }
```

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

```
.border{ border-color:rgb(228, 153, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 153, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 153, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 153, 100);  
box-shadow:4px 4px 4px 4px rgb(228, 153,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1965, 0.4423, 0.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 153, 100) }
```

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

```
.background{ background-color: rgb(228,  
153, 100) }
```

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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