

Converting Colors

$Y_{xy}(40.7044, 0.4232, 0.3713)$

Have a look what the booklet for
Yxy(40.7044, 0.4232, 0.3713)
contains.

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Color

Yxy(40.7501, 0.4235, 0.3711)

Conversions

Conversions Part 1

Format	Color
Hex	E39A76
RGB	227, 154, 118
RGB Percent	89%, 60%, 46%
CMY	0.1098, 0.3961, 0.5372
CMYK	0.00, 0.32, 0.48, 0.11
HSL	20°, 66%, 68%
HSV	20°, 48%, 89%
XYZ	46.5041, 40.7501, 22.5548
YIQ	171.7230, 55.0640, 4.2800

Conversions

Conversions Part 2

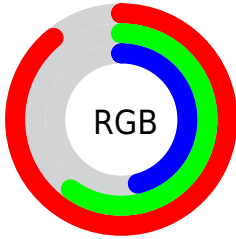
Format	Color
R_{YB}	227, 172, 118
Decimal	14916214
CIE _{Lab}	70.00, 23.30, 29.94
CIE _{LCh}	70, 37.938, 52.108
Yxy	40.7501, 0.4235, 0.3711
Android (android.graphics.Color)	4293106294 (0xFFE39A76)
YUV	171.7230, -26.4854, 48.4779
Hunter-Lab	63.8358, 18.3238, 23.7365

Details

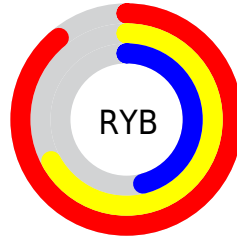
The Yxy color **40.7501, 0.4235, 0.3711** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **46.6578, 0.2405, 0.2807**, and the grayscale version is **41.2244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8012, 0.3769, 0.3685**, and **18.3674, 0.4569, 0.3782** is the 20% darker color. If you saturate the color by 10%, you get **35.5712, 0.4569, 0.3783**, and if you desaturate by 10%, it is **46.6984, 0.3935, 0.3625**.

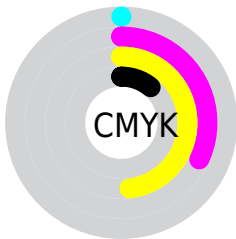
Distribution



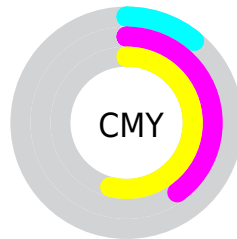
- Red (89%)
- Green (60%)
- Blue (46%)



- Red (89%)
- Yellow (67%)
- Blue (46%)



- Cyan (0%)
- Magenta (32%)
- Yellow (48%)
- Black (11%)





- Cyan (11%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7501, 0.4235, 0.3711 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 40.7501, 0.4235, 0.3711 by changing the saturation by 10% instead.


 40.7501, 0.4235,
0.3711

 40.7501, 0.4235,
0.3711


349.2751, 0.3667,
0.3524


 28.1239, 0.4378,
0.3748


 76.3044, 0.4027,
0.3650

 18.4191, 0.4560,
0.3789


 100.0012, 0.3949,
0.3624

 11.2513, 0.4800,
0.3830


 128.1571, 0.3884,
0.3602

 6.2361, 0.5123,
0.3862

161.1563, 0.3828,
0.3583

 2.9892, 0.5666,
0.3918

199.3834, 0.3779,
0.3565

 1.1261, 0.6262,
0.3738

243.2226, 0.3737,

 0.0001, 0.9999,

0.3550

0.0001

293.0583, 0.3700,
0.3536

0.0000, 0.0000,
0.0000

40.7501, 0.4235,
0.3711

40.7501, 0.4235,
0.3711

35.5712, 0.4569,
0.3783

46.6984, 0.3935,
0.3625

31.1224, 0.4924,
0.3829

53.4411, 0.3674,
0.3534

27.3701, 0.5279,
0.3837

61.0092, 0.3449,
0.3443

24.2745, 0.5601,
0.3797

69.4304, 0.3259,
0.3356

21.7890, 0.5861,
0.3710

78.7309, 0.3097,
0.3274

■ 21.3603, 0.5908,
0.3691

■ 88.9358, 0.2961,
0.3199

■ 95.0707, 0.2958,
0.3290

Harmonies

Analogous

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



40.7501, 0.4088, 0.3278



40.7501, 0.4235, 0.3711



40.7501, 0.4055, 0.4091

Triad

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



40.7501, 0.4235, 0.3711



40.7501, 0.2585, 0.3748



40.7501, 0.2580, 0.2424

Complementary

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



40.7501, 0.4235, 0.3711



46.6578, 0.2405, 0.2807

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.



40.7501, 0.2246, 0.2466



40.7501, 0.4235, 0.3711



40.7501, 0.2245, 0.3185

Square

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



40.7501, 0.4235, 0.3711



40.7501, 0.3089, 0.4184



40.7501, 0.2130, 0.2723



40.7501, 0.3087, 0.2573

Rectangle

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



40.7501, 0.4235, 0.3711



40.7501, 0.3790, 0.4256



40.7501, 0.2130, 0.2723



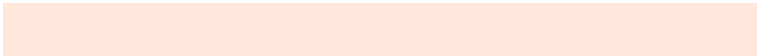
40.7501, 0.2447, 0.2415

Sweetspot

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



40.7521, 0.4235, 0.3711



83.5938, 0.3371, 0.3408



33.1157, 0.3539, 0.2455



17.3943, 0.3413, 0.3427



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.



40.7521, 0.4235, 0.3711



46.0850, 0.4581, 0.3785



62.2724, 0.3931, 0.4275



15.1417, 0.3284, 0.3368



12.6482, 0.5881, 0.3712



1.0999, 0.5597, 0.3938

Inverse Universe

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



46.6578, 0.2405, 0.2807



54.5652, 0.2272, 0.2681



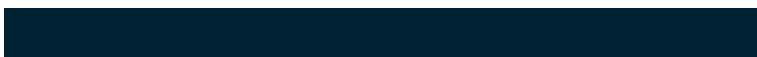
27.5708, 0.2264, 0.2052



15.4920, 0.2981, 0.3211



16.5568, 0.1938, 0.2175



1.3919, 0.1988, 0.2357

Previews

White Background



This preview shows how the Yxy color 40.7501, 0.4235, 0.3711 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 40.7501, 0.4235, 0.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

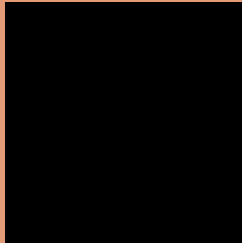
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7501, 0.4235, 0.3711

Background



This preview shows how black text looks on a background with the Yxy color 40.7501, 0.4235, 0.3711.



This preview shows how white text looks on a background with the Yxy color 40.7501, 0.4235, 0.3711.

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

40.7501, 0.4235, 0.3711

Protanopia

40.7968, 0.3653, 0.3919

Deuteranopia

40.7910, 0.3978, 0.3900



Tritanopia

40.5409, 0.3855, 0.3153

Trichromacy



Original Color

40.7501, 0.4235, 0.3711

Protanomaly

40.5948, 0.3867, 0.3849

Deuteranomaly

40.5721, 0.4071, 0.3821

Tritanomaly

40.5150, 0.3997, 0.3351

Monochromacy



Original Color

40.7501, 0.4235, 0.3711

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.3837, 0.3505, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7501, 0.4235, 0.3711 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(227, 154, 118)` looks like.

```
.text, #text, p{  
    color:rgb(227, 154, 118)  
}
```

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(227, 154, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 154, 118) }
```

Border

The CSS property to change the border of an element to Yxy 40.7501, 0.4235, 0.3711 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(227, 154, 118) }
```

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

```
.border{ border-color:rgb(227, 154, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 154, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 154, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 154, 118);  
box-shadow:4px 4px 4px 4px rgb(227, 154,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7501, 0.4235, 0.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 154, 118) }
```

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

```
.background{ background-color: rgb(227,  
154, 118) }
```

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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