

Converting Colors

$Y_{xy}(40.8670, 0.4232, 0.3594)$

Have a look what the booklet for
Yxy(40.8670, 0.4232, 0.3594)
contains.

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Color

Yxy(40.7697, 0.4231, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	E8977D
RGB	232, 151, 125
RGB Percent	91%, 59%, 49%
CMY	0.0902, 0.4078, 0.5097
CMYK	0.00, 0.35, 0.46, 0.09
HSL	15°, 70%, 70%
HSV	15°, 46%, 91%
XYZ	48.0492, 40.7697, 24.7457
YIQ	172.2550, 56.6220, 9.0860

Conversions

Conversions Part 2

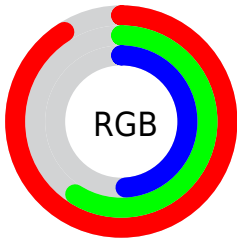
Format	Color
R _Y B	232, 159, 125
Decimal	15243133
CIE Lab	70.01, 27.56, 26.25
CIE LCh	70, 38.058, 43.607
Yxy	40.7697, 0.4231, 0.3590
Android (android.graphics.Color)	4293433213 (0xFFE8977D)
YUV	172.2550, -23.2967, 52.3964
Hunter-Lab	63.8512, 22.5851, 21.7178

Details

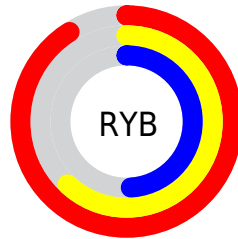
The Yxy color **40.7697, 0.4231, 0.3590** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.3423, 0.2453, 0.2955**, and the grayscale version is **41.4915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6170, 0.3724, 0.3582**, and **18.3297, 0.4555, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **35.0070, 0.4592, 0.3644**, and if you desaturate by 10%, it is **47.5174, 0.3914, 0.3526**.

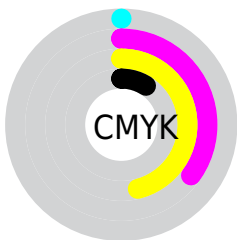
Distribution



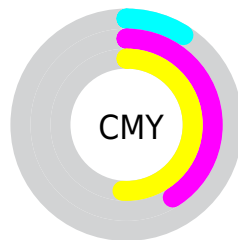
- Red (91%)
- Green (59%)
- Blue (49%)



- Red (91%)
- Yellow (62%)
- Blue (49%)



- Cyan (0%)
- Magenta (35%)
- Yellow (46%)
- Black (9%)





- Cyan (9%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7697, 0.4231, 0.3590 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 40.7697, 0.4231, 0.3590 by changing the saturation by 10% instead.


 40.7697, 0.4231,
0.3590


 40.7697, 0.4231,
0.3590


349.3572, 0.3663,
0.3463


 28.1392, 0.4375,
0.3613


 76.3342, 0.4022,
0.3550

 18.4306, 0.4561,
0.3636


 100.0369, 0.3944,
0.3533

 11.2596, 0.4806,
0.3656


 128.1992, 0.3879,
0.3518

 6.2417, 0.5143,
0.3662

161.2053, 0.3823,
0.3504

 2.9926, 0.5654,
0.3643

199.4398, 0.3775,
0.3492

 1.1279, 0.6476,
0.3524

243.2870, 0.3733,

 0.0016, 0.9977,

0.3481

0.0023

293.1314, 0.3696,
0.3472

0.0000, 0.0000,
0.0000

40.7697, 0.4231,
0.3590

40.7697, 0.4231,
0.3590

35.0070, 0.4592,
0.3644

47.5174, 0.3914,
0.3526

30.1763, 0.4984,
0.3677

55.2876, 0.3644,
0.3458

26.2287, 0.5381,
0.3678

64.1234, 0.3416,
0.3391

23.1079, 0.5743,
0.3639

74.0635, 0.3227,
0.3327

20.7503, 0.6025,
0.3560

85.1445, 0.3069,
0.3267

■ 20.0182, 0.6115,
0.3527

■ 95.8966, 0.2988,
0.3290

Harmonies

Analogous

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



40.7697, 0.3991, 0.3157



40.7697, 0.4231, 0.3590



40.7697, 0.4139, 0.3997

Triad

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



40.7697, 0.4231, 0.3590



40.7697, 0.2715, 0.3898



40.7697, 0.2463, 0.2413

Complementary

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



40.7697, 0.4231, 0.3590



54.3423, 0.2453, 0.2955

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.



40.7697, 0.2188, 0.2514



40.7697, 0.4231, 0.3590



40.7697, 0.2318, 0.3343

Square

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



40.7697, 0.4231, 0.3590



40.7697, 0.3245, 0.4255



40.7697, 0.2136, 0.2833



40.7697, 0.2930, 0.2511

Rectangle

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



40.7697, 0.4231, 0.3590



40.7697, 0.3916, 0.4201



40.7697, 0.2136, 0.2833



40.7697, 0.2348, 0.2423

Sweetspot

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



40.7717, 0.4231, 0.3590



81.8604, 0.3375, 0.3377



36.3363, 0.3423, 0.2398



16.9757, 0.3419, 0.3392



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.



40.7717, 0.4231, 0.3590



43.9267, 0.4560, 0.3640



61.5747, 0.3943, 0.4154



14.9335, 0.3286, 0.3348



11.2774, 0.6088, 0.3548



0.9762, 0.5804, 0.3774

Inverse Universe

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



54.3423, 0.2453, 0.2955



62.5295, 0.2342, 0.2876



33.1511, 0.2322, 0.2231



15.7122, 0.2981, 0.3232



20.6048, 0.2024, 0.2487



1.6649, 0.2061, 0.2618

Previews

White Background



This preview shows how the Yxy color 40.7697, 0.4231, 0.3590 looks on a white background.

Color Contrast Check

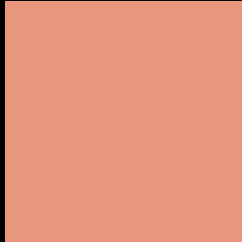
Large Text (above 18pt) WCAG AA × Fail

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 40.7697, 0.4231, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

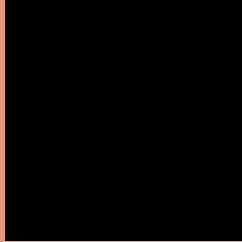
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7697, 0.4231, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 40.7697, 0.4231, 0.3590.



This preview shows how white text looks on a background with the Yxy color 40.7697, 0.4231, 0.3590.

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

40.7697, 0.4231, 0.3590

Protanopia

40.9143, 0.3564, 0.3798

Deuteranopia

40.8183, 0.3903, 0.3815



Tritanopia

40.6543, 0.3944, 0.3167

Trichromacy



Original Color

40.7697, 0.4231, 0.3590

Protanomaly

40.6071, 0.3797, 0.3719

Deuteranomaly

40.5477, 0.4019, 0.3723

Tritanomaly

40.7166, 0.4056, 0.3327

Monochromacy



Original Color

40.7697, 0.4231, 0.3590

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.3868, 0.3499, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7697, 0.4231, 0.3590 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(232, 151, 125)` looks like.

```
.text, #text, p{  
    color:rgb(232, 151, 125)  
}
```

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(232, 151, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 151, 125) }
```

Border

The CSS property to change the border of an element to Yxy 40.7697, 0.4231, 0.3590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

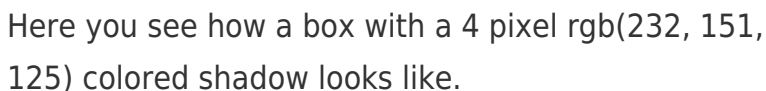
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 151, 125) }
```

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

```
.border{ border-color:rgb(232, 151, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(232, 151, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 151, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 151, 125); box-shadow:4px 4px 4px 4px rgb(232, 151, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7697, 0.4231, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 151, 125) }
```

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

```
.background{ background-color: rgb(232,  
151, 125) }
```

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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