

Converting Colors

$Y_{xy}(40.1096, 0.4212, 0.3560)$

Have a look what the booklet for
Yxy(40.1096, 0.4212, 0.3560)
contains.

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Color

Yxy(40.3080, 0.4217, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	E7967E
RGB	231, 150, 126
RGB Percent	91%, 59%, 49%
CMY	0.0941, 0.4117, 0.5059
CMYK	0.00, 0.35, 0.45, 0.09
HSL	14°, 69%, 70%
HSV	14°, 45%, 91%
XYZ	47.6265, 40.3080, 25.0047
YIQ	171.4830, 55.9800, 9.7080

Conversions

Conversions Part 2

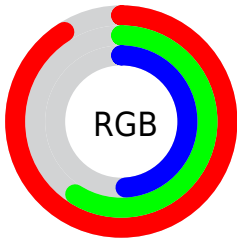
Format	Color
R_{YB}	231, 157, 126
Decimal	15177342
CIE Lab	69.69, 27.79, 25.26
CIE LCh	70, 37.557, 42.272
Yxy	40.3080, 0.4217, 0.3569
Android (android.graphics.Color)	4293367422 (0xFFE7967E)
YUV	171.4830, -22.4231, 52.1964
Hunter-Lab	63.4886, 22.7982, 21.0909

Details

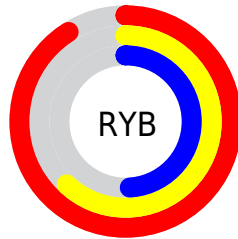
The Yxy color **40.3080, 0.4217, 0.3569** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.8207, 0.2465, 0.2980**, and the grayscale version is **41.0752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1773, 0.3720, 0.3561**, and **18.1554, 0.4551, 0.3601** is the 20% darker color. If you saturate the color by 10%, you get **34.5203, 0.4580, 0.3620**, and if you desaturate by 10%, it is **47.1019, 0.3900, 0.3508**.

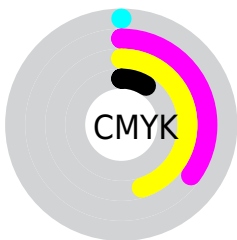
Distribution



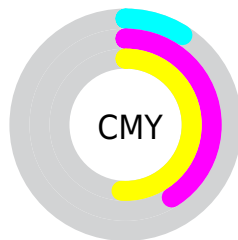
- Red (91%)
- Green (59%)
- Blue (49%)



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



- Cyan (0%)
- Magenta (35%)
- Yellow (45%)
- Black (9%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3080, 0.4217, 0.3569 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 40.3080, 0.4217, 0.3569 by changing the saturation by 10% instead.


 40.3080, 0.4217,
0.3569


 40.3080, 0.4217,
0.3569


347.4200, 0.3655,
0.3451


 27.7788, 0.4360,
0.3590


 75.6323, 0.4010,
0.3532

 18.1590, 0.4545,
0.3611


 99.1962, 0.3933,
0.3517

 11.0642, 0.4791,
0.3628


 127.2070, 0.3868,
0.3503

 6.1100, 0.5129,
0.3632

160.0492, 0.3813,
0.3490

 2.9121, 0.5642,
0.3607

198.1073, 0.3765,
0.3479

 1.0860, 0.6504,
0.3496

241.7655, 0.3724,


 0.0000, 1.0000,

0.3469


0.0000


291.4083, 0.3687,
0.3460


 0.0000, 0.0000,
0.0000


 40.3080, 0.4217,
0.3569

 40.3080, 0.4217,
0.3569

 34.5203, 0.4580,
0.3620

 47.1019, 0.3900,
0.3508

 29.6842, 0.4977,
0.3652


 54.9411, 0.3630,
0.3444


 25.7491, 0.5381,
0.3654

 63.8700, 0.3404,
0.3381

 22.6567, 0.5751,
0.3618

 73.9285, 0.3216,
0.3321

 20.3413, 0.6039,
0.3543

 85.1545, 0.3060,
0.3265

■ 19.5199, 0.6143,
0.3504

■ 95.7288, 0.2982,
0.3290

Harmonies

Analogous

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



40.3080, 0.3966, 0.3140



40.3080, 0.4217, 0.3569



40.3080, 0.4140, 0.3975

Triad

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



40.3080, 0.4217, 0.3569



40.3080, 0.2740, 0.3914



40.3080, 0.2453, 0.2420

Complementary

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



40.3080, 0.4217, 0.3569



54.8207, 0.2465, 0.2980

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.



40.3080, 0.2189, 0.2531



40.3080, 0.4217, 0.3569



40.3080, 0.2338, 0.3368

Square

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



40.3080, 0.4217, 0.3569



40.3080, 0.3268, 0.4253



40.3080, 0.2148, 0.2857



40.3080, 0.2909, 0.2509

Rectangle

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



40.3080, 0.4217, 0.3569



40.3080, 0.3927, 0.4182



40.3080, 0.2148, 0.2857



40.3080, 0.2341, 0.2434

Sweetspot

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



40.3100, 0.4217, 0.3569



81.5834, 0.3376, 0.3372



36.4740, 0.3400, 0.2393



16.9090, 0.3420, 0.3386



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.



40.3100, 0.4217, 0.3569



43.3062, 0.4574, 0.3619



60.3831, 0.3939, 0.4125



14.9001, 0.3287, 0.3344



11.0982, 0.6117, 0.3525



0.9587, 0.5836, 0.3748

Inverse Universe

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



54.8207, 0.2465, 0.2980



63.5814, 0.2347, 0.2901



33.8948, 0.2339, 0.2274



15.7479, 0.2981, 0.3235



21.3177, 0.2038, 0.2537



1.7122, 0.2072, 0.2659

Previews

White Background



This preview shows how the Yxy color 40.3080, 0.4217, 0.3569 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 40.3080, 0.4217, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

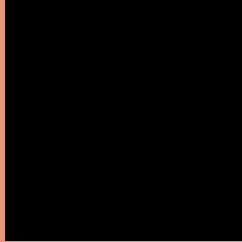
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3080, 0.4217, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 40.3080, 0.4217, 0.3569.



This preview shows how white text looks on a background with the Yxy color 40.3080, 0.4217, 0.3569.

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

40.3080, 0.4217, 0.3569

Protanopia

40.3225, 0.3538, 0.3774

Deuteranopia

40.1810, 0.3887, 0.3807



Tritanopia

40.4845, 0.3934, 0.3167

Trichromacy



Original Color

40.3080, 0.4217, 0.3569

Protanomaly

40.0024, 0.3772, 0.3696

Deuteranomaly

40.0551, 0.4014, 0.3713

Tritanomaly

40.2664, 0.4039, 0.3304

Monochromacy



Original Color

40.3080, 0.4217, 0.3569

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.8984, 0.3491, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3080, 0.4217, 0.3569 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(231, 150, 126)` looks like.

```
.text, #text, p{  
    color:rgb(231, 150, 126)  
}
```

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(231, 150, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 150, 126) }
```

Border

The CSS property to change the border of an element to Yxy 40.3080, 0.4217, 0.3569 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(231, 150, 126) }
```

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

```
.border{ border-color:rgb(231, 150, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 150, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 150, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 150, 126);  
box-shadow:4px 4px 4px 4px rgb(231, 150,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3080, 0.4217, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 150, 126) }
```

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

```
.background{ background-color: rgb(231,  
150, 126) }
```

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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