

Converting Colors

$Y_{xy}(40.7844, 0.4008, 0.3461)$

Have a look what the booklet for
Yxy(40.7844, 0.4008, 0.3461)
contains.

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Color

Yxy(40.6541, 0.4007, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	E1998B
RGB	225, 153, 139
RGB Percent	88%, 60%, 55%
CMY	0.1178, 0.3999, 0.4550
CMYK	0.00, 0.32, 0.38, 0.12
HSL	10°, 59%, 71%
HSV	10°, 38%, 88%
XYZ	47.0948, 40.6541, 29.7824
YIQ	172.9320, 47.4060, 10.9100

Conversions

Conversions Part 2

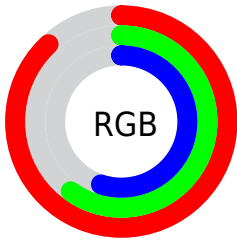
Format	Color
R _Y B	225, 156, 139
Decimal	14784907
CIE Lab	69.93, 25.25, 18.33
CIE LCh	70, 31.206, 35.980
Yxy	40.6541, 0.4007, 0.3459
Android (android.graphics.Color)	4292974987 (0xFFE1998B)
YUV	172.9320, -16.7285, 45.6636
Hunter-Lab	63.7606, 20.2626, 16.9381

Details

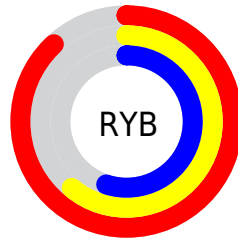
The Yxy color **40.6541, 0.4007, 0.3459** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.4747, 0.2571, 0.3110**, and the grayscale version is **41.8218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2220, 0.3603, 0.3446**, and **18.3535, 0.4284, 0.3479** is the 20% darker color. If you saturate the color by 10%, you get **34.3803, 0.4356, 0.3501**, and if you desaturate by 10%, it is **48.0391, 0.3712, 0.3413**.

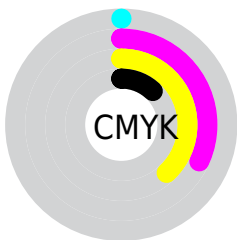
Distribution



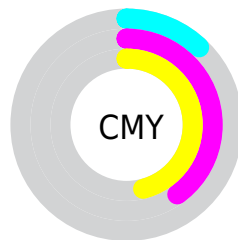
- Red (88%)
- Green (60%)
- Blue (55%)



- Red (88%)
- Yellow (61%)
- Blue (55%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (12%)





- Cyan (12%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6541, 0.4007, 0.3459 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 40.6541, 0.4007, 0.3459 by changing the saturation by 10% instead.

 40.6541, 0.4007,
0.3459


 40.6541, 0.4007,
0.3459


348.8729, 0.3553,
0.3388


 28.0489, 0.4124,
0.3472


 76.1585, 0.3839,
0.3437

 18.3625, 0.4276,
0.3485


 99.8266, 0.3777,
0.3427

 11.2106, 0.4481,
0.3497


 127.9510, 0.3724,
0.3419

 6.2087, 0.4770,
0.3501

160.9162, 0.3680,
0.3411

 2.9724, 0.5200,
0.3478

199.1066, 0.3641,
0.3404

 1.1173, 0.6365,
0.3635

242.9066, 0.3608,

 0.0000, 1.0000,

0.3398

0.0000

292.7005, 0.3579,
0.3393

0.0000, 0.0000,
0.0000

40.6541, 0.4007,
0.3459

40.6541, 0.4007,
0.3459

34.3803, 0.4356,
0.3501

48.0391, 0.3712,
0.3413

29.1581, 0.4754,
0.3533

56.5797, 0.3467,
0.3368

24.9310, 0.5182,
0.3547

66.3246, 0.3265,
0.3324

21.6350, 0.5604,
0.3535

77.3185, 0.3100,
0.3283

19.1980, 0.5965,
0.3492

89.6033, 0.2964,
0.3246

■ 17.5348, 0.6218,
0.3426

■ 94.7429, 0.2946,
0.3289

■ 17.3099, 0.6255,
0.3416

Harmonies

Analogous

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



40.6541, 0.3748, 0.3097



40.6541, 0.4007, 0.3459



40.6541, 0.4006, 0.3809

Triad

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



40.6541, 0.4007, 0.3459



40.6541, 0.2898, 0.3877



40.6541, 0.2500, 0.2563

Complementary

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



40.6541, 0.4007, 0.3459



57.4747, 0.2571, 0.3110

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.



40.6541, 0.2312, 0.2701



40.6541, 0.4007, 0.3459



40.6541, 0.2527, 0.3457

Square

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



40.6541, 0.4007, 0.3459



40.6541, 0.3348, 0.4102



40.6541, 0.2320, 0.3017



40.6541, 0.2858, 0.2601

Rectangle

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



40.6541, 0.4007, 0.3459



40.6541, 0.3863, 0.3994



40.6541, 0.2320, 0.3017



40.6541, 0.2417, 0.2589

Sweetspot

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



40.6561, 0.4007, 0.3459



84.2527, 0.3319, 0.3336



39.2192, 0.3290, 0.2474



17.6483, 0.3346, 0.3342



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.



40.6561, 0.4007, 0.3459



47.1515, 0.4285, 0.3493



56.8401, 0.3819, 0.3933



14.0603, 0.3288, 0.3329



10.0900, 0.6234, 0.3432



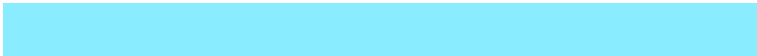
0.8111, 0.5963, 0.3647

Inverse Universe

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



57.4747, 0.2571, 0.3110



72.4990, 0.2471, 0.3066



39.3262, 0.2487, 0.2545



15.1712, 0.2982, 0.3251



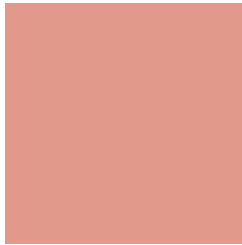
24.0674, 0.2101, 0.2763



1.7712, 0.2126, 0.2853

Previews

White Background



This preview shows how the Yxy color 40.6541, 0.4007, 0.3459 looks on a white background.

Color Contrast Check

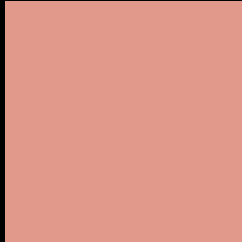
Large Text (above 18pt) WCAG AA × Fail

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 40.6541, 0.4007, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

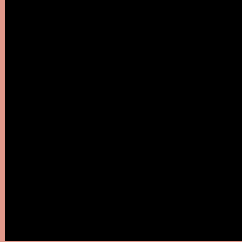
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6541, 0.4007, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 40.6541, 0.4007, 0.3459.



This preview shows how white text looks on a background with the Yxy color 40.6541, 0.4007, 0.3459.

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

40.6541, 0.4007, 0.3459

Protanopia

40.9672, 0.3410, 0.3607

Deuteranopia

40.9958, 0.3726, 0.3655



Tritanopia

40.7168, 0.3808, 0.3163

Trichromacy



Original Color

40.6541, 0.4007, 0.3459

Protanomaly

40.3310, 0.3613, 0.3541

Deuteranomaly

40.8800, 0.3822, 0.3581

Tritanomaly

40.6019, 0.3879, 0.3269

Monochromacy



Original Color

40.6541, 0.4007, 0.3459

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.0521, 0.3418, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6541, 0.4007, 0.3459 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(225, 153, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 153, 139) }
```

Border

The CSS property to change the border of an element to Yxy 40.6541, 0.4007, 0.3459 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, 139) }
```

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

```
.border{ border-color:rgb(225, 153, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 153, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 153, 139);  
box-shadow:4px 4px 4px 4px rgb(225, 153,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6541, 0.4007, 0.3459 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, 139) }
```

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

```
.background{ background-color: rgb(225,  
153, 139) }
```

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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