

Converting Colors

$Y_{xy}(40.6783, 0.4148, 0.3613)$

Have a look what the booklet for
Yxy(40.6783, 0.4148, 0.3613)
contains.

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Color

Yxy(40.7863, 0.4145, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	E29A7E
RGB	226, 154, 126
RGB Percent	89%, 60%, 49%
CMY	0.1139, 0.3960, 0.5059
CMYK	0.00, 0.32, 0.44, 0.11
HSL	17°, 63%, 69%
HSV	17°, 44%, 89%
XYZ	46.6757, 40.7863, 25.1452
YIQ	172.3360, 51.9000, 6.5560

Conversions

Conversions Part 2

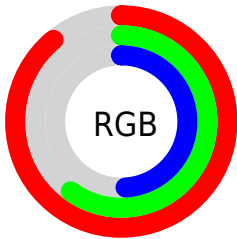
Format	Color
R _Y B	226, 165, 126
Decimal	14850686
CIE Lab	70.03, 23.67, 25.62
CIE LCh	70, 34.881, 47.255
Yxy	40.7863, 0.4145, 0.3622
Android (android.graphics.Color)	4293040766 (0xFFE29A7E)
YUV	172.3360, -22.8436, 47.0633
Hunter-Lab	63.8642, 18.6960, 21.3607

Details

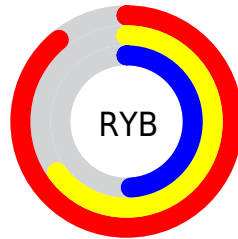
The Yxy color **40.7863, 0.4145, 0.3622** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **50.2743, 0.2469, 0.2920**, and the grayscale version is **41.5327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1156, 0.3708, 0.3602**, and **18.3634, 0.4448, 0.3673** is the 20% darker color. If you saturate the color by 10%, you get **35.2600, 0.4484, 0.3688**, and if you desaturate by 10%, it is **47.1752, 0.3847, 0.3547**.

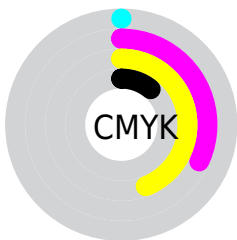
Distribution



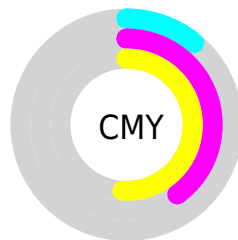
- Red (89%)
- Green (60%)
- Blue (49%)



- Red (89%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (32%)
- Yellow (44%)
- Black (11%)




- Cyan (11%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7863, 0.4145, 0.3622 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 40.7863, 0.4145, 0.3622 by changing the saturation by 10% instead.


 40.7863, 0.4145,
0.3622

 40.7863, 0.4145,
0.3622


349.4267, 0.3621,
0.3475

 28.1521, 0.4278,
0.3651


 76.3594, 0.3952,
0.3574

 18.4404, 0.4450,
0.3684


 100.0671, 0.3881,
0.3554

 11.2666, 0.4677,
0.3717


 128.2348, 0.3820,
0.3537

 6.2465, 0.4990,
0.3744

161.2468, 0.3769,
0.3521

 2.9955, 0.5464,
0.3755

199.4877, 0.3724,
0.3508

 1.1294, 0.6280,
0.3720

243.3417, 0.3686,

 0.0029, 0.9951,

0.3495

0.0049

293.1932, 0.3652,
0.3484

0.0000, 0.0000,
0.0000

40.7863, 0.4145,
0.3622

40.7863, 0.4145,
0.3622

35.2600, 0.4484,
0.3688

47.1752, 0.3847,
0.3547

30.5524, 0.4855,
0.3734

54.4564, 0.3592,
0.3468

26.6245, 0.5237,
0.3748


62.6652, 0.3376,
0.3392


23.4311, 0.5596,
0.3721

71.8333, 0.3195,
0.3319

20.9219, 0.5892,
0.3648

81.9908, 0.3043,
0.3252

 19.7597, 0.6030,
0.3594

 92.7369, 0.2951,
0.3255

 94.9025, 0.2952,
0.3289

Harmonies

Analogous

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



40.7863, 0.3960, 0.3219



40.7863, 0.4145, 0.3622



40.7863, 0.4029, 0.3985

Triad

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



40.7863, 0.4145, 0.3622



40.7863, 0.2697, 0.3788



40.7863, 0.2560, 0.2480

Complementary

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



40.7863, 0.4145, 0.3622



50.2743, 0.2469, 0.2920

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.



40.7863, 0.2279, 0.2554



40.7863, 0.4145, 0.3622



40.7863, 0.2350, 0.3279

Square

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



40.7863, 0.4145, 0.3622



40.7863, 0.3178, 0.4144



40.7863, 0.2205, 0.2828



40.7863, 0.3009, 0.2591

Rectangle

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



40.7863, 0.4145, 0.3622



40.7863, 0.3809, 0.4153



40.7863, 0.2205, 0.2828



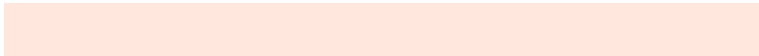
40.7863, 0.2445, 0.2483

Sweetspot

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



40.7883, 0.4145, 0.3622



83.7607, 0.3353, 0.3383



35.2176, 0.3442, 0.2466



17.3847, 0.3397, 0.3400



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.



40.7883, 0.4145, 0.3622



46.9836, 0.4452, 0.3682



60.2073, 0.3889, 0.4153



14.3233, 0.3285, 0.3356



11.4504, 0.6002, 0.3616



0.9425, 0.5697, 0.3858

Inverse Universe

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



50.2743, 0.2469, 0.2920



60.8755, 0.2352, 0.2829



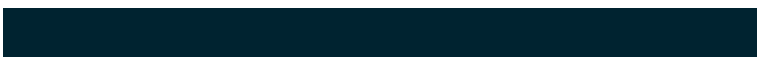
31.5170, 0.2351, 0.2237



14.8884, 0.2982, 0.3223



18.2078, 0.1987, 0.2355



1.4110, 0.2032, 0.2516

Previews

White Background



This preview shows how the Yxy color 40.7863, 0.4145, 0.3622 looks on a white background.

Color Contrast Check

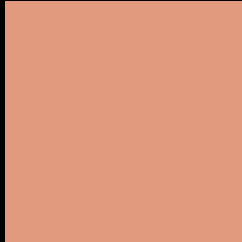
Large Text (above 18pt) WCAG AA × Fail

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 40.7863, 0.4145, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

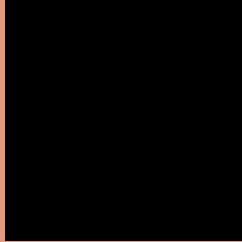
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7863, 0.4145, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 40.7863, 0.4145, 0.3622.



This preview shows how white text looks on a background with the Yxy color 40.7863, 0.4145, 0.3622.

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

40.7863, 0.4145, 0.3622

Protanopia

40.9143, 0.3564, 0.3798

Deuteranopia

40.7027, 0.3883, 0.3805



Tritanopia

40.6910, 0.3842, 0.3164

Trichromacy



Original Color

40.7863, 0.4145, 0.3622

Protanomaly

40.6911, 0.3773, 0.3735

Deuteranomaly

40.4712, 0.3974, 0.3728

Tritanomaly

40.7653, 0.3951, 0.3328

Monochromacy



Original Color

40.7863, 0.4145, 0.3622

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.4833, 0.3476, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7863, 0.4145, 0.3622 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(226, 154, 126)` looks like.

```
.text, #text, p{  
    color:rgb(226, 154, 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(226, 154, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 154, 126) }
```

Border

The CSS property to change the border of an element to Yxy 40.7863, 0.4145, 0.3622 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(226, 154, 126) }
```

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

```
.border{ border-color:rgb(226, 154, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 154, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 154, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 154, 126);  
box-shadow:4px 4px 4px 4px rgb(226, 154,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7863, 0.4145, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 154, 126) }
```

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

```
.background{ background-color: rgb(226,  
154, 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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