

Converting Colors

Yxy(41.0631, 0.4199, 0.3636)

Have a look what the booklet for
Yxy(41.0631, 0.4199, 0.3636)
contains.

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Color

Yxy(41.2245, 0.4195, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	E59A7C
RGB	229, 154, 124
RGB Percent	90%, 60%, 49%
CMY	0.1019, 0.3961, 0.5137
CMYK	0.00, 0.33, 0.46, 0.10
HSL	17°, 67%, 69%
HSV	17°, 46%, 90%
XYZ	47.5101, 41.2245, 24.5195
YIQ	173.0050, 54.3300, 6.5700

Conversions

Conversions Part 2

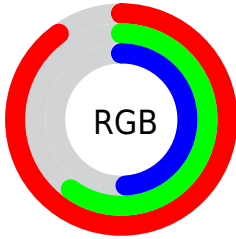
Format	Color
R _{YB}	229, 166, 124
Decimal	15047292
CIE _{Lab}	70.33, 24.69, 27.17
CIE _{LCh}	70, 36.712, 47.741
Yxy	41.2245, 0.4195, 0.3640
Android (android.graphics.Color)	4293237372 (0xFFE59A7C)
YUV	173.0050, -24.1595, 49.1076
Hunter-Lab	64.2063, 19.7218, 22.3024

Details

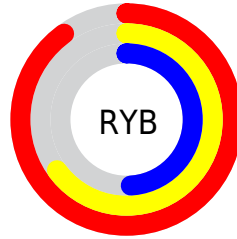
The Yxy color **41.2245, 0.4195, 0.3640** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **50.7943, 0.2445, 0.2897**, and the grayscale version is **41.8977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0353, 0.3723, 0.3623**, and **18.6687, 0.4514, 0.3694** is the 20% darker color. If you saturate the color by 10%, you get **35.6759, 0.4539, 0.3705**, and if you desaturate by 10%, it is **47.6476, 0.3891, 0.3564**.

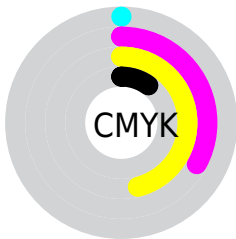
Distribution



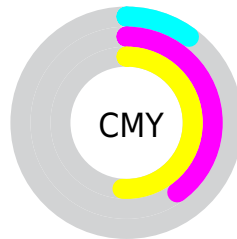
- Red (90%)
- Green (60%)
- Blue (49%)



- Red (90%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (33%)
- Yellow (46%)
- Black (10%)




- Cyan (10%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2245, 0.4195, 0.3640 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 41.2245, 0.4195, 0.3640 by changing the saturation by 10% instead.


 41.2245, 0.4195,
0.3640


 41.2245, 0.4195,
0.3640


351.2580, 0.3647,
0.3486


 28.4945, 0.4334,
0.3670


 77.0246, 0.3994,
0.3590

 18.6988, 0.4511,
0.3702


 100.8635, 0.3919,
0.3570

 11.4528, 0.4746,
0.3735


 129.1742, 0.3856,
0.3551

 6.3723, 0.5067,
0.3758

162.3410, 0.3802,
0.3535

 3.0727, 0.5556,
0.3768

200.7484, 0.3755,
0.3521

 1.1698, 0.6317,
0.3683

244.7808, 0.3715,

 0.0369, 0.9454,

0.3508

0.0546

294.8226, 0.3679,
0.3497

0.0000, 0.0000,
0.0000

41.2245, 0.4195,
0.3640

41.2245, 0.4195,
0.3640

35.6759, 0.4539,
0.3705

47.6476, 0.3891,
0.3564

30.9568, 0.4911,
0.3747

54.9754, 0.3630,
0.3485

27.0268, 0.5290,
0.3756

63.2444, 0.3408,
0.3406

23.8395, 0.5639,
0.3722

72.4870, 0.3222,
0.3331

21.3428, 0.5921,
0.3642

82.7340, 0.3066,
0.3262

 20.4907, 0.6019,
0.3603

 93.5956, 0.2970,
0.3261

 95.4005, 0.2970,
0.3290

Harmonies

Analogous

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



41.2245, 0.4007, 0.3220



41.2245, 0.4195, 0.3640



41.2245, 0.4066, 0.4020

Triad

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



41.2245, 0.4195, 0.3640



41.2245, 0.2668, 0.3805



41.2245, 0.2540, 0.2445

Complementary

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



41.2245, 0.4195, 0.3640



50.7943, 0.2445, 0.2897

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.



41.2245, 0.2245, 0.2517



41.2245, 0.4195, 0.3640



41.2245, 0.2310, 0.3268

Square

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



41.2245, 0.4195, 0.3640



41.2245, 0.3169, 0.4186



41.2245, 0.2164, 0.2798



41.2245, 0.3011, 0.2564

Rectangle

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



41.2245, 0.4195, 0.3640



41.2245, 0.3832, 0.4197



41.2245, 0.2164, 0.2798



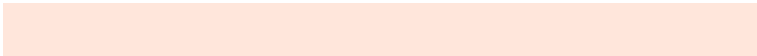
41.2245, 0.2420, 0.2447

Sweetspot

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



41.2265, 0.4195, 0.3640



82.7058, 0.3373, 0.3393



35.2100, 0.3476, 0.2455



17.1797, 0.3416, 0.3409



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.



41.2265, 0.4195, 0.3640



45.8749, 0.4519, 0.3702



62.3838, 0.3911, 0.4200



15.0352, 0.3285, 0.3358



11.8917, 0.5992, 0.3624



1.0335, 0.5704, 0.3853

Inverse Universe

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



50.7943, 0.2445, 0.2897



59.4132, 0.2326, 0.2799



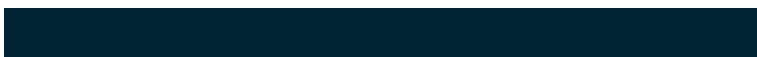
30.7321, 0.2315, 0.2165



15.6040, 0.2981, 0.3221



18.5432, 0.1982, 0.2335



1.5269, 0.2025, 0.2491

Previews

White Background



This preview shows how the Yxy color 41.2245, 0.4195, 0.3640 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 41.2245, 0.4195, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

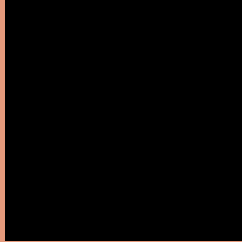
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2245, 0.4195, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 41.2245, 0.4195, 0.3640.



This preview shows how white text looks on a background with the Yxy color 41.2245, 0.4195, 0.3640.

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

41.2245, 0.4195, 0.3640

Protanopia

41.3613, 0.3588, 0.3836

Deuteranopia

41.2945, 0.3917, 0.3838



Tritanopia

41.1888, 0.3871, 0.3166

Trichromacy



Original Color

41.2245, 0.4195, 0.3640

Protanomaly

40.7746, 0.3801, 0.3759

Deuteranomaly

41.2159, 0.4018, 0.3759

Tritanomaly

41.2287, 0.3992, 0.3339

Monochromacy



Original Color

41.2245, 0.4195, 0.3640

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.9765, 0.3484, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2245, 0.4195, 0.3640 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(229, 154, 124)` looks like.

```
.text, #text, p{  
    color:rgb(229, 154, 124)  
}
```

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(229, 154, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 154, 124) }
```

Border

The CSS property to change the border of an element to Yxy 41.2245, 0.4195, 0.3640 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(229, 154, 124) }
```

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

```
.border{ border-color:rgb(229, 154, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 154, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 154, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 154, 124);  
box-shadow:4px 4px 4px 4px rgb(229, 154,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2245, 0.4195, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 154, 124) }
```

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

```
.background{ background-color: rgb(229,  
154, 124) }
```

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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