

Converting Colors

$Y_{xy}(41.7066, 0.4232, 0.3627)$

Have a look what the booklet for
Yxy(41.7066, 0.4232, 0.3627)
contains.

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Color

Yxy(41.8901, 0.4233, 0.3634)

Conversions

Conversions Part 1

Format	Color
Hex	E99A7C
RGB	233, 154, 124
RGB Percent	91%, 60%, 49%
CMY	0.0863, 0.3960, 0.5137
CMYK	0.00, 0.34, 0.47, 0.09
HSL	17°, 71%, 70%
HSV	17°, 47%, 91%
XYZ	48.7949, 41.8901, 24.5877
YIQ	174.2010, 56.7140, 7.4180

Conversions

Conversions Part 2

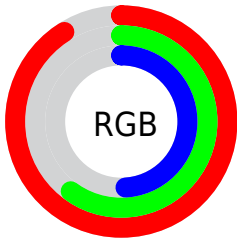
Format	Color
R _Y B	233, 165, 124
Decimal	15309436
CIE Lab	70.80, 26.24, 27.86
CIE LCh	71, 38.269, 46.709
Yxy	41.8901, 0.4233, 0.3634
Android (android.graphics.Color)	4293499516 (0xFFE99A7C)
YUV	174.2010, -24.7491, 51.5667
Hunter-Lab	64.7226, 21.3083, 22.7819

Details

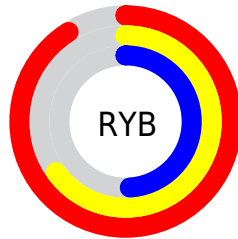
The Yxy color **41.8901, 0.4233, 0.3634** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **52.8745, 0.2435, 0.2902**, and the grayscale version is **42.5458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0353, 0.3723, 0.3623**, and **19.0094, 0.4552, 0.3686** is the 20% darker color. If you saturate the color by 10%, you get **36.1829, 0.4584, 0.3694**, and if you desaturate by 10%, it is **48.5247, 0.3922, 0.3562**.

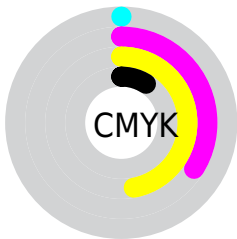
Distribution



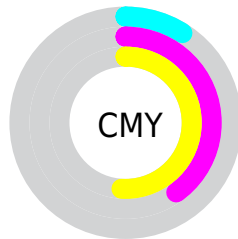
- Red (91%)
- Green (60%)
- Blue (49%)



- Red (91%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (47%)
- Black (9%)




- Cyan (9%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8901, 0.4233, 0.3634 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 41.8901, 0.4233, 0.3634 by changing the saturation by 10% instead.


 41.8901, 0.4233,
0.3634

 41.8901, 0.4233,
0.3634


354.0272, 0.3667,
0.3486


 29.0152, 0.4375,
0.3662


 78.0333, 0.4026,
0.3587

 19.0924, 0.4558,
0.3691


 102.0704, 0.3948,
0.3567

 11.7370, 0.4798,
0.3719


 130.5970, 0.3883,
0.3549

 6.5649, 0.5124,
0.3735

163.9976, 0.3827,
0.3534

 3.1915, 0.5615,
0.3732

202.6565, 0.3779,
0.3520

 1.2325, 0.6372,
0.3628

246.9581, 0.3737,

 0.0880, 0.8916,

0.3507

0.1084

297.2869, 0.3700,
0.3496

0.0000, 0.0000,
0.0000

41.8901, 0.4233,
0.3634

41.8901, 0.4233,
0.3634

36.1829, 0.4584,
0.3694

48.5247, 0.3922,
0.3562

31.3543, 0.4964,
0.3732

56.1202, 0.3654,
0.3485

27.3605, 0.5346,
0.3736

64.7158, 0.3428,
0.3409

24.1505, 0.5694,
0.3696

74.3468, 0.3238,
0.3336

21.6665, 0.5969,
0.3612

85.0465, 0.3079,
0.3269

■ 21.0031, 0.6045,
0.3582

■ 96.0609, 0.2993,
0.3290

Harmonies

Analogous

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



41.8901, 0.4027, 0.3201



41.8901, 0.4233, 0.3634



41.8901, 0.4108, 0.4031

Triad

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



41.8901, 0.4233, 0.3634



41.8901, 0.2667, 0.3844



41.8901, 0.2506, 0.2417

Complementary

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



41.8901, 0.4233, 0.3634



52.8745, 0.2435, 0.2902

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.



41.8901, 0.2209, 0.2496



41.8901, 0.4233, 0.3634



41.8901, 0.2291, 0.3284

Square

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



41.8901, 0.4233, 0.3634



41.8901, 0.3187, 0.4230



41.8901, 0.2134, 0.2792



41.8901, 0.2987, 0.2534

Rectangle

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



41.8901, 0.4233, 0.3634



41.8901, 0.3870, 0.4221



41.8901, 0.2134, 0.2792



41.8901, 0.2384, 0.2420

Sweetspot

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



41.8922, 0.4233, 0.3634



82.4995, 0.3373, 0.3389



36.0965, 0.3467, 0.2421



17.1299, 0.3417, 0.3405



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.



41.8922, 0.4233, 0.3634



44.7321, 0.4566, 0.3692



63.6733, 0.3938, 0.4201



15.7289, 0.3286, 0.3356



12.0973, 0.6018, 0.3604



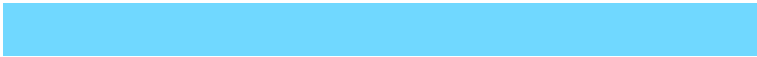
1.1063, 0.5746, 0.3819

Inverse Universe

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



52.8745, 0.2435, 0.2902



59.6309, 0.2318, 0.2808



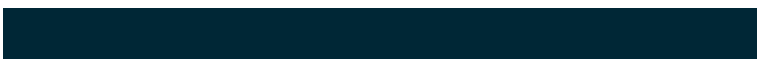
31.8037, 0.2301, 0.2162



16.3800, 0.2981, 0.3224



19.6274, 0.1992, 0.2371



1.7006, 0.2032, 0.2514

Previews

White Background



This preview shows how the Yxy color 41.8901, 0.4233, 0.3634 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 41.8901, 0.4233, 0.3634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

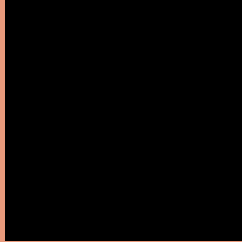
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8901, 0.4233, 0.3634

Background



This preview shows how black text looks on a background with the Yxy color 41.8901, 0.4233, 0.3634.



This preview shows how white text looks on a background with the Yxy color 41.8901, 0.4233, 0.3634.

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

41.8901, 0.4233, 0.3634

Protanopia

42.0197, 0.3595, 0.3831

Deuteranopia

41.9430, 0.3931, 0.3845



Tritanopia

41.8658, 0.3911, 0.3168

Trichromacy



Original Color

41.8901, 0.4233, 0.3634

Protanomaly

41.5807, 0.3817, 0.3753

Deuteranomaly

41.8697, 0.4032, 0.3767

Tritanomaly

41.9020, 0.4031, 0.3338

Monochromacy



Original Color

41.8901, 0.4233, 0.3634

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6398, 0.3491, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8901, 0.4233, 0.3634 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(233, 154, 124)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 154, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 154, 124) }
```

Border

The CSS property to change the border of an element to Yxy 41.8901, 0.4233, 0.3634 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(233, 154, 124) }
```

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

```
.border{ border-color:rgb(233, 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(233, 154, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 154, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 154, 124);  
box-shadow:4px 4px 4px 4px rgb(233, 154,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8901, 0.4233, 0.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 154, 124) }
```

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

```
.background{ background-color: rgb(233,  
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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