

Converting Colors

$Y_{xy}(41.2353, 0.4245, 0.3611)$

Have a look what the booklet for
Yxy(41.2353, 0.4245, 0.3611)
contains.

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Color

Yxy(41.2353, 0.4245, 0.3611)

Conversions

Conversions Part 1

Format	Color
Hex	E9987C
RGB	233, 152, 124
RGB Percent	91%, 60%, 49%
CMY	0.0862, 0.4039, 0.5136
CMYK	0.00, 0.35, 0.47, 0.09
HSL	15°, 71%, 70%
HSV	15°, 47%, 91%
XYZ	48.4752, 41.2353, 24.4831
YIQ	173.0270, 57.2640, 8.4640

Conversions

Conversions Part 2

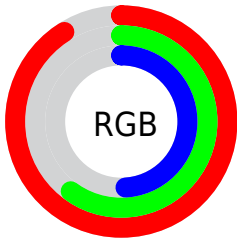
Format	Color
R _Y B	233, 162, 124
Decimal	15308924
CIE Lab	70.34, 27.32, 27.24
CIE LCh	70, 38.586, 44.916
Yxy	41.2353, 0.4245, 0.3611
Android (android.graphics.Color)	4293499004 (0xFFE9987C)
YUV	173.0270, -24.1703, 52.5963
Hunter-Lab	64.2147, 22.3725, 22.3448

Details

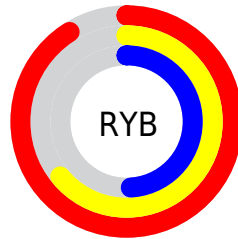
The Yxy color **41.2353, 0.4245, 0.3611** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.8563, 0.2440, 0.2929**, and the grayscale version is **41.9096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0600, 0.3729, 0.3602**, and **18.6210, 0.4572, 0.3656** is the 20% darker color. If you saturate the color by 10%, you get **35.4975, 0.4603, 0.3667**, and if you desaturate by 10%, it is **47.9376, 0.3929, 0.3544**.

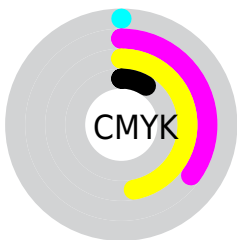
Distribution



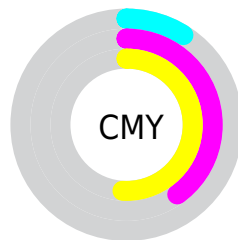
- Red (91%)
- Green (60%)
- Blue (49%)



- Red (91%)
- Yellow (64%)
- Blue (49%)



- Cyan (0%)
- Magenta (35%)
- Yellow (47%)
- Black (9%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2353, 0.4245, 0.3611 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 41.2353, 0.4245, 0.3611 by changing the saturation by 10% instead.


 41.2353, 0.4245,
0.3611


 41.2353, 0.4245,
0.3611

351.3031, 0.3671,
0.3474


 28.5030, 0.4390,
0.3636


 77.0410, 0.4035,
0.3568

 18.7052, 0.4576,
0.3661


 100.8831, 0.3956,
0.3550

 11.4574, 0.4822,
0.3684


 129.1973, 0.3890,
0.3533

 6.3754, 0.5156,
0.3693

162.3680, 0.3833,
0.3519

 3.0747, 0.5666,
0.3680

200.7795, 0.3784,
0.3506

 1.1708, 0.6448,
0.3552

244.8162, 0.3742,

 0.0377, 0.9491,

0.3494

0.0509

294.8626, 0.3704,
0.3484

0.0000, 0.0000,
0.0000

41.2353, 0.4245,
0.3611

41.2353, 0.4245,
0.3611

35.4975, 0.4603,
0.3667

47.9376, 0.3929,
0.3544

30.6727, 0.4991,
0.3701

55.6406, 0.3658,
0.3472

26.7137, 0.5382,
0.3702

64.3860, 0.3429,
0.3401

23.5659, 0.5736,
0.3661

74.2112, 0.3238,
0.3333

21.1675, 0.6011,
0.3578

85.1520, 0.3079,
0.3270

■ 20.5358, 0.6086,
0.3549

■ 96.0657, 0.2994,
0.3290

Harmonies

Analogous

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



41.2353, 0.4017, 0.3174



41.2353, 0.4245, 0.3611



41.2353, 0.4137, 0.4019

Triad

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



41.2353, 0.4245, 0.3611



41.2353, 0.2689, 0.3883



41.2353, 0.2474, 0.2405

Complementary

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



41.2353, 0.4245, 0.3611



53.8563, 0.2440, 0.2929

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.



41.2353, 0.2187, 0.2498



41.2353, 0.4245, 0.3611



41.2353, 0.2297, 0.3318

Square

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



41.2353, 0.4245, 0.3611



41.2353, 0.3221, 0.4257



41.2353, 0.2125, 0.2810



41.2353, 0.2952, 0.2513

Rectangle

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



41.2353, 0.4245, 0.3611



41.2353, 0.3905, 0.4220



41.2353, 0.2125, 0.2810



41.2353, 0.2355, 0.2413

Sweetspot

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



41.2373, 0.4245, 0.3611



82.1311, 0.3374, 0.3382



36.1939, 0.3448, 0.2403



17.0410, 0.3418, 0.3397



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.



41.2373, 0.4245, 0.3611



43.8799, 0.4585, 0.3665



62.8124, 0.3947, 0.4183



15.6823, 0.3286, 0.3351



11.8199, 0.6060, 0.3570



1.0790, 0.5790, 0.3785

Inverse Universe

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



53.8563, 0.2440, 0.2929



61.0055, 0.2325, 0.2842



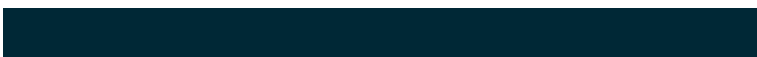
32.3938, 0.2305, 0.2188



16.4295, 0.2981, 0.3228



20.5522, 0.2010, 0.2437



1.7668, 0.2047, 0.2569

Previews

White Background



This preview shows how the Yxy color 41.2353, 0.4245, 0.3611 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 41.2353, 0.4245, 0.3611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

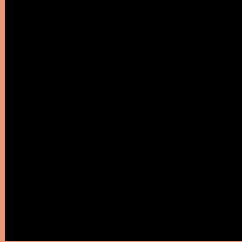
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2353, 0.4245, 0.3611

Background



This preview shows how black text looks on a background with the Yxy color 41.2353, 0.4245, 0.3611.



This preview shows how white text looks on a background with the Yxy color 41.2353, 0.4245, 0.3611.

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

41.2353, 0.4245, 0.3611

Protanopia

41.3889, 0.3579, 0.3822

Deuteranopia

41.2945, 0.3917, 0.3838



Tritanopia

41.1689, 0.3939, 0.3168

Trichromacy



Original Color

41.2353, 0.4245, 0.3611

Protanomaly

41.0785, 0.3812, 0.3742

Deuteranomaly

41.0187, 0.4033, 0.3745

Tritanomaly

41.2324, 0.4050, 0.3327

Monochromacy



Original Color

41.2353, 0.4245, 0.3611

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8789, 0.3506, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2353, 0.4245, 0.3611 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, 152, 124)` looks like.

```
.text, #text, p{  
    color:rgb(233, 152, 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, 152, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 152, 124) }
```

Border

The CSS property to change the border of an element to Yxy 41.2353, 0.4245, 0.3611 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, 152, 124) }
```

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

```
.border{ border-color:rgb(233, 152, 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, 152, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 152, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 152, 124);  
box-shadow:4px 4px 4px 4px rgb(233, 152,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2353, 0.4245, 0.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 152, 124) }
```

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

```
.background{ background-color: rgb(233,  
152, 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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