

Converting Colors

$Y_{xy}(34.6545, 0.4255, 0.3514)$

Have a look what the booklet for
Yxy(34.6545, 0.4255, 0.3514)
contains.

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Color

Yxy(34.7245, 0.4253, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	DC8A77
RGB	220, 138, 119
RGB Percent	86%, 54%, 47%
CMY	0.1373, 0.4588, 0.5334
CMYK	0.00, 0.37, 0.46, 0.14
HSL	11°, 59%, 66%
HSV	11°, 46%, 86%
XYZ	41.9317, 34.7245, 21.9370
YIQ	160.3520, 54.9710, 11.4750

Conversions

Conversions Part 2

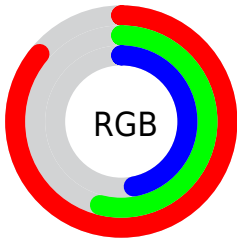
Format	Color
R _Y B	220, 142, 119
Decimal	14453367
CIE Lab	65.53, 29.19, 23.33
CIE LCh	66, 37.369, 38.628
Yxy	34.7245, 0.4253, 0.3522
Android (android.graphics.Color)	4292643447 (0xFFDC8A77)
YUV	160.3520, -20.3865, 52.3113
Hunter-Lab	58.9275, 23.8940, 19.1773

Details

The Yxy color **34.7245, 0.4253, 0.3522** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.8433, 0.2470, 0.3034**, and the grayscale version is **35.4020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8995, 0.3826, 0.3512**, and **14.9400, 0.4621, 0.3556** is the 20% darker color. If you saturate the color by 10%, you get **29.5481, 0.4631, 0.3563**, and if you desaturate by 10%, it is **40.8689, 0.3924, 0.3472**.

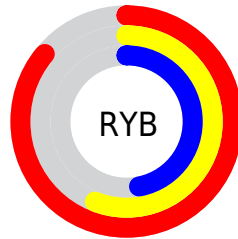
Distribution



Red (86%)

Green (54%)

Blue (47%)



Red (86%)

Yellow (56%)

Blue (47%)

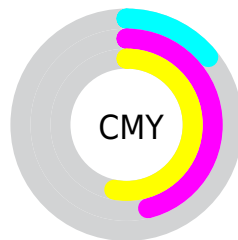


Cyan (0%)

Magenta (37%)

Yellow (46%)

Black (14%)



Cyan (14%)


Magenta (46%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7245, 0.4253, 0.3522 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 34.7245, 0.4253, 0.3522 by changing the saturation by 10% instead.


 34.7245, 0.4253,
0.3522


 34.7245, 0.4253,
0.3522


323.3506, 0.3658,
0.3426

 23.4507, 0.4410,
0.3537


 67.0588, 0.4030,
0.3493

 14.9267, 0.4615,
0.3550


 88.8880, 0.3948,
0.3481

 8.7679, 0.4893,
0.3555


 115.0046, 0.3880,
0.3469

 4.5901, 0.5286,
0.3535

145.7928, 0.3822,
0.3459

 2.0088, 0.6033,
0.3541

181.6372, 0.3772,
0.3449

 0.6126, 0.6927,
0.3073

222.9220, 0.3729,

 0.0000, 1.0000,

0.3441


0.0000


270.0317, 0.3691,
0.3433


 0.0000, 0.0000,
0.0000


 34.7245, 0.4253,
0.3522


 34.7245, 0.4253,
0.3522


 29.5481, 0.4631,
0.3563


 40.8689, 0.3924,
0.3472


 25.2848, 0.5044,
0.3586


 48.0222, 0.3646,
0.3420


 21.8821, 0.5462,
0.3583


 56.2291, 0.3415,
0.3367

 19.2799, 0.5839,
0.3546


 65.5301, 0.3224,
0.3318

 17.4096, 0.6122,
0.3478

 75.9637, 0.3067,
0.3272

 16.8325, 0.6213,
0.3449

 87.5663, 0.2936,
0.3230

 93.9552, 0.2917,
0.3289

Harmonies

Analogous

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



34.7245, 0.3951, 0.3080



34.7245, 0.4253, 0.3522



34.7245, 0.4212, 0.3954

Triad

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



34.7245, 0.4253, 0.3522



34.7245, 0.2784, 0.4004



34.7245, 0.2379, 0.2387

Complementary

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



34.7245, 0.4253, 0.3522



50.8433, 0.2470, 0.3034

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.



34.7245, 0.2133, 0.2526



34.7245, 0.4253, 0.3522



34.7245, 0.2344, 0.3442

Square

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



34.7245, 0.4253, 0.3522



34.7245, 0.3341, 0.4320



34.7245, 0.2119, 0.2891



34.7245, 0.2832, 0.2457

Rectangle

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



34.7245, 0.4253, 0.3522



34.7245, 0.4009, 0.4186



34.7245, 0.2119, 0.2891



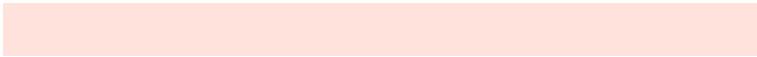
34.7245, 0.2272, 0.2409

Sweetspot

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



34.7262, 0.4253, 0.3522



80.7974, 0.3378, 0.3358



32.6425, 0.3366, 0.2353



16.7197, 0.3423, 0.3369



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.



34.7262, 0.4253, 0.3522



41.5937, 0.4612, 0.3561



52.5160, 0.3963, 0.4095



13.4465, 0.3287, 0.3335



9.9995, 0.6191, 0.3467



0.7663, 0.5886, 0.3709

Inverse Universe

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



50.8433, 0.2470, 0.3034



66.6512, 0.2362, 0.2971



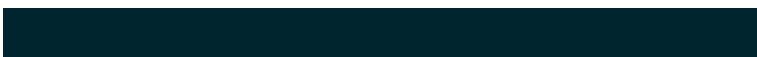
31.2094, 0.2342, 0.2314



14.3907, 0.2982, 0.3245



22.0023, 0.2077, 0.2678



1.5353, 0.2108, 0.2789

Previews

White Background



This preview shows how the Yxy color 34.7245, 0.4253, 0.3522 looks on a white background.

Color Contrast Check

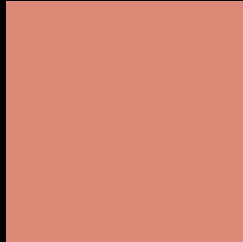
Large Text (above 18pt) WCAG AA × Fail

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 34.7245, 0.4253, 0.3522 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 34.7245, 0.4253, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 34.7245, 0.4253, 0.3522.



This preview shows how white text looks on a background with the Yxy color 34.7245, 0.4253, 0.3522.

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

34.7245, 0.4253, 0.3522

Protanopia

34.8163, 0.3507, 0.3732

Deuteranopia

34.8622, 0.3872, 0.3799



Tritanopia

34.5934, 0.4006, 0.3173

Trichromacy



Original Color

34.7245, 0.4253, 0.3522

Protanomaly

34.3053, 0.3779, 0.3651

Deuteranomaly

34.7435, 0.4006, 0.3699

Tritanomaly

34.4494, 0.4096, 0.3293

Monochromacy



Original Color

34.7245, 0.4253, 0.3522

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.4459, 0.3506, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7245, 0.4253, 0.3522 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(220, 138, 119)` looks like.

```
.text, #text, p{  
    color:rgb(220, 138, 119)  
}
```

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(220, 138, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 138, 119) }
```

Border

The CSS property to change the border of an element to Yxy 34.7245, 0.4253, 0.3522 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(220, 138, 119) }
```

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

```
.border{ border-color:rgb(220, 138, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 138, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 138, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 138, 119);  
box-shadow:4px 4px 4px 4px rgb(220, 138,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7245, 0.4253, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 138, 119) }
```

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

```
.background{ background-color: rgb(220,  
138, 119) }
```

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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