

Converting Colors

$Y_{xy}(35.0970, 0.4229, 0.3541)$

Have a look what the booklet for
Yxy(35.0970, 0.4229, 0.3541)
contains.

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Color

Yxy(35.1481, 0.4230, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	DB8C77
RGB	219, 140, 119
RGB Percent	86%, 55%, 47%
CMY	0.1413, 0.4509, 0.5333
CMYK	0.00, 0.36, 0.46, 0.14
HSL	13°, 58%, 66%
HSV	13°, 46%, 86%
XYZ	41.9161, 35.1481, 22.0283
YIQ	161.2270, 53.8250, 10.2170

Conversions

Conversions Part 2

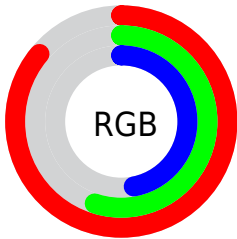
Format	Color
R _Y B	219, 146, 119
Decimal	14388343
CIE Lab	65.86, 27.72, 23.73
CIE LCh	66, 36.495, 40.568
Yxy	35.1481, 0.4230, 0.3547
Android (android.graphics.Color)	4292578423 (0xFFDB8C77)
YUV	161.2270, -20.8179, 50.6669
Hunter-Lab	59.2858, 22.4524, 19.4703

Details

The Yxy color **35.1481, 0.4230, 0.3547** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.4057, 0.2468, 0.3006**, and the grayscale version is **35.8328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.7838, 0.3819, 0.3532**, and **15.1640, 0.4587, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **30.0189, 0.4599, 0.3593**, and if you desaturate by 10%, it is **41.1964, 0.3908, 0.3491**.

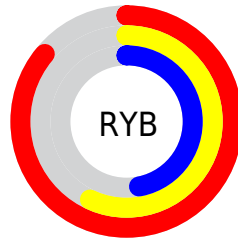
Distribution



Red (86%)

Green (55%)

Blue (47%)



Red (86%)

Yellow (57%)

Blue (47%)

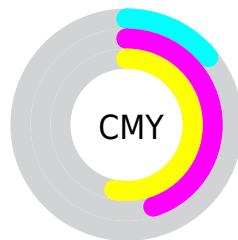


Cyan (0%)

Magenta (36%)

Yellow (46%)

Black (14%)



Cyan (14%)


Magenta (45%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1481, 0.4230, 0.3547 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 35.1481, 0.4230, 0.3547 by changing the saturation by 10% instead.


 35.1481, 0.4230,
0.3547


 35.1481, 0.4230,
0.3547


325.2216, 0.3648,
0.3438

 23.7770, 0.4383,
0.3566


 67.7151, 0.4012,
0.3513

 15.1683, 0.4583,
0.3584


 89.6798, 0.3932,
0.3499

 8.9376, 0.4853,
0.3595


 115.9445, 0.3866,
0.3486

 4.7005, 0.5233,
0.3586

146.8936, 0.3809,
0.3474

 2.0726, 0.5952,
0.3607

182.9114, 0.3760,
0.3463

 0.6492, 0.6800,
0.3200

224.3825, 0.3718,

 0.0000, 1.0000,

0.3454

0.0000

271.6910, 0.3681,
0.3446

0.0000, 0.0000,
0.0000

35.1481, 0.4230,
0.3547

35.1481, 0.4230,
0.3547

30.0189, 0.4599,
0.3593

41.1964, 0.3908,
0.3491

25.7580, 0.5002,
0.3621

48.2008, 0.3636,
0.3433

22.3179, 0.5412,
0.3621

56.2025, 0.3408,
0.3375

19.6437, 0.5786,
0.3585

65.2389, 0.3219,
0.3319

17.6735, 0.6074,
0.3513

75.3452, 0.3063,
0.3268

■ 17.0128, 0.6174,
0.3480

■ 86.5553, 0.2933,
0.3222

■ 93.7964, 0.2911,
0.3289

Harmonies

Analogous

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



35.1481, 0.3957, 0.3113



35.1481, 0.4230, 0.3547



35.1481, 0.4170, 0.3964

Triad

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



35.1481, 0.4230, 0.3547



35.1481, 0.2761, 0.3953



35.1481, 0.2421, 0.2408

Complementary

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



35.1481, 0.4230, 0.3547



49.4057, 0.2468, 0.3006

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.



35.1481, 0.2166, 0.2531



35.1481, 0.4230, 0.3547



35.1481, 0.2343, 0.3401

Square

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



35.1481, 0.4230, 0.3547



35.1481, 0.3301, 0.4280



35.1481, 0.2137, 0.2874



35.1481, 0.2874, 0.2487

Rectangle

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



35.1481, 0.4230, 0.3547



35.1481, 0.3962, 0.4182



35.1481, 0.2137, 0.2874



35.1481, 0.2312, 0.2425

Sweetspot

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



35.1498, 0.4230, 0.3547



81.2216, 0.3377, 0.3366



32.3734, 0.3382, 0.2375



16.8218, 0.3421, 0.3378



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.



35.1498, 0.4230, 0.3547



42.5089, 0.4592, 0.3593



52.7768, 0.3949, 0.4108



13.4928, 0.3286, 0.3340



10.2191, 0.6151, 0.3498



0.7880, 0.5836, 0.3748

Inverse Universe

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



49.4057, 0.2468, 0.3006



64.9789, 0.2354, 0.2933



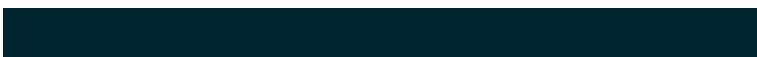
30.5286, 0.2343, 0.2297



14.3406, 0.2982, 0.3240



20.9097, 0.2056, 0.2603



1.4735, 0.2091, 0.2727

Previews

White Background



This preview shows how the Yxy color 35.1481, 0.4230, 0.3547 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 35.1481, 0.4230, 0.3547 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 35.1481, 0.4230, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 35.1481, 0.4230, 0.3547.



This preview shows how white text looks on a background with the Yxy color 35.1481, 0.4230, 0.3547.

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

35.1481, 0.4230, 0.3547

Protanopia

35.2462, 0.3524, 0.3759

Deuteranopia

35.3193, 0.3877, 0.3810



Tritanopia

35.0558, 0.3964, 0.3172

Trichromacy



Original Color

35.1481, 0.4230, 0.3547

Protanomaly

34.9545, 0.3770, 0.3678

Deuteranomaly

35.1968, 0.4011, 0.3710

Tritanomaly

34.8845, 0.4065, 0.3305

Monochromacy



Original Color

35.1481, 0.4230, 0.3547

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.8029, 0.3493, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1481, 0.4230, 0.3547 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(219, 140, 119)` looks like.

```
.text, #text, p{  
    color:rgb(219, 140, 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(219, 140, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 140, 119) }
```

Border

The CSS property to change the border of an element to Yxy 35.1481, 0.4230, 0.3547 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(219, 140, 119) }
```

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

```
.border{ border-color:rgb(219, 140, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 140, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 140, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 140, 119);  
box-shadow:4px 4px 4px 4px rgb(219, 140,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1481, 0.4230, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 140, 119) }
```

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

```
.background{ background-color: rgb(219,  
140, 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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