

Converting Colors

$Yxy(35.4685, 0.4186, 0.3531)$

Have a look what the booklet for
Yxy(35.4685, 0.4186, 0.3531)
contains.

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Color

Yxy(35.3603, 0.4181, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	DA8D7A
RGB	218, 141, 122
RGB Percent	85%, 55%, 48%
CMY	0.1451, 0.4470, 0.5215
CMYK	0.00, 0.35, 0.44, 0.15
HSL	12°, 56%, 67%
HSV	12°, 44%, 85%
XYZ	41.9527, 35.3603, 23.0283
YIQ	161.8570, 51.9910, 10.4150

Conversions

Conversions Part 2

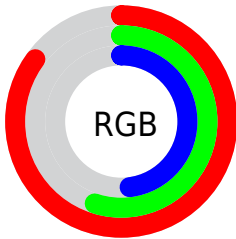
Format	Color
R_{YB}	218, 146, 122
Decimal	14323066
CIE _{Lab}	66.03, 27.13, 22.27
CIE _{LCh}	66, 35.095, 39.384
Yxy	35.3603, 0.4181, 0.3524
Android (android.graphics.Color)	4292513146 (0xFFDA8D7A)
YUV	161.8570, -19.6495, 49.2374
Hunter-Lab	59.4645, 21.8703, 18.6644

Details

The Yxy color **35.3603, 0.4181, 0.3524** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.0519, 0.2492, 0.3034**, and the grayscale version is **36.1375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3854, 0.3783, 0.3501**, and **15.2670, 0.4517, 0.3563** is the 20% darker color. If you saturate the color by 10%, you get **30.1245, 0.4547, 0.3569**, and if you desaturate by 10%, it is **41.5350, 0.3864, 0.3471**.

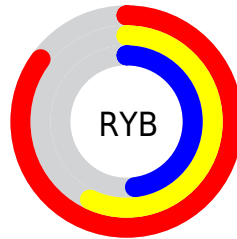
Distribution



Red (85%)

Green (55%)

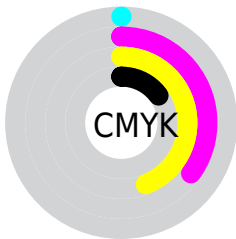
Blue (48%)



Red (85%)

Yellow (57%)

Blue (48%)

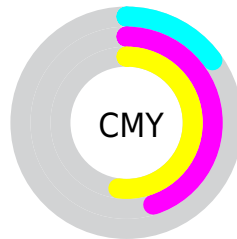


Cyan (0%)

Magenta (35%)

Yellow (44%)

Black (15%)



Cyan (15%)


Magenta (45%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3603, 0.4181, 0.3524 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 35.3603, 0.4181, 0.3524 by changing the saturation by 10% instead.


 35.3603, 0.4181,
0.3524


 35.3603, 0.4181,
0.3524


326.1558, 0.3625,
0.3424


 23.9406, 0.4327,
0.3541


 68.0436, 0.3973,
0.3493

 15.2895, 0.4519,
0.3558


 90.0759, 0.3897,
0.3480

 9.0228, 0.4779,
0.3570


 116.4145, 0.3833,
0.3468

 4.7561, 0.5147,
0.3563

147.4437, 0.3779,
0.3457

 2.1049, 0.5801,
0.3563

183.5481, 0.3732,
0.3448

 0.6674, 0.6746,
0.3254

225.1120, 0.3692,

 0.0000, 1.0000,

0.3439

0.0000

272.5198, 0.3656,
0.3431

0.0000, 0.0000,
0.0000

35.3603, 0.4181,
0.3524

35.3603, 0.4181,
0.3524

30.1245, 0.4547,
0.3569

41.5350, 0.3864,
0.3471

25.7761, 0.4951,
0.3599

48.6864, 0.3597,
0.3415

22.2665, 0.5367,
0.3602

56.8566, 0.3375,
0.3361


19.5399, 0.5754,
0.3572


66.0837, 0.3192,
0.3310

17.5337, 0.6059,
0.3507

76.4038, 0.3040,
0.3262

 16.6440, 0.6196,
0.3462

 87.8511, 0.2915,
0.3219

 93.6463, 0.2906,
0.3289

Harmonies

Analogous

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



35.3603, 0.3907, 0.3106



35.3603, 0.4181, 0.3524



35.3603, 0.4138, 0.3927

Triad

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



35.3603, 0.4181, 0.3524



35.3603, 0.2796, 0.3942



35.3603, 0.2434, 0.2440

Complementary

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



35.3603, 0.4181, 0.3524



50.0519, 0.2492, 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.



35.3603, 0.2195, 0.2570



35.3603, 0.4181, 0.3524



35.3603, 0.2386, 0.3420

Square

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



35.3603, 0.4181, 0.3524



35.3603, 0.3318, 0.4243



35.3603, 0.2177, 0.2910



35.3603, 0.2865, 0.2510

Rectangle

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



35.3603, 0.4181, 0.3524



35.3603, 0.3946, 0.4139



35.3603, 0.2177, 0.2910



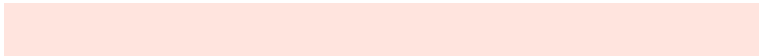
35.3603, 0.2331, 0.2460

Sweetspot

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



35.3620, 0.4181, 0.3524



82.2382, 0.3357, 0.3356



33.0162, 0.3354, 0.2389



17.0129, 0.3402, 0.3368



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.



35.3620, 0.4181, 0.3524



43.3532, 0.4525, 0.3567



52.1099, 0.3924, 0.4063



13.4666, 0.3287, 0.3337



10.0918, 0.6174, 0.3480



0.7757, 0.5864, 0.3726

Inverse Universe

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



50.0519, 0.2492, 0.3034



66.8311, 0.2381, 0.2969



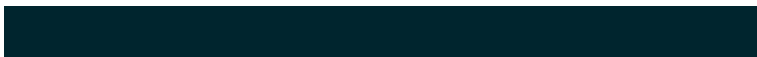
31.7890, 0.2377, 0.2363



14.3690, 0.2982, 0.3243



21.5238, 0.2068, 0.2646



1.5083, 0.2101, 0.2762

Previews

White Background



This preview shows how the Yxy color 35.3603, 0.4181, 0.3524 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 35.3603, 0.4181, 0.3524 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 35.3603, 0.4181, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 35.3603, 0.4181, 0.3524.



This preview shows how white text looks on a background with the Yxy color 35.3603, 0.4181, 0.3524.

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

35.3603, 0.4181, 0.3524

Protanopia

35.6745, 0.3492, 0.3728

Deuteranopia

35.4144, 0.3837, 0.3756



Tritanopia

35.2451, 0.3927, 0.3159

Trichromacy



Original Color

35.3603, 0.4181, 0.3524

Protanomaly

35.2345, 0.3725, 0.3651

Deuteranomaly

35.1547, 0.3958, 0.3660

Tritanomaly

35.1011, 0.4015, 0.3280

Monochromacy



Original Color

35.3603, 0.4181, 0.3524

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.1629, 0.3480, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3603, 0.4181, 0.3524 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(218, 141, 122)` looks like.

```
.text, #text, p{  
    color:rgb(218, 141, 122)  
}
```

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(218, 141, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 141, 122) }
```

Border

The CSS property to change the border of an element to Yxy 35.3603, 0.4181, 0.3524 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(218, 141, 122) }
```

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

```
.border{ border-color:rgb(218, 141, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 141, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 141, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 141, 122);  
box-shadow:4px 4px 4px 4px rgb(218, 141,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3603, 0.4181, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 141, 122) }
```

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

```
.background{ background-color: rgb(218,  
141, 122) }
```

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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