

Converting Colors

$Y_{xy}(34.5235, 0.4308, 0.3612)$

Have a look what the booklet for
Yxy(34.5235, 0.4308, 0.3612)
contains.

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Color

Yxy(34.5405, 0.4303, 0.3619)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DA8B70 |
| RGB | 218, 139, 112 |
| RGB Percent | 85%, 55%, 44% |
| CMY | 0.1451, 0.4549, 0.5608 |
| CMYK | 0.00, 0.36, 0.49, 0.15 |
| HSL | 15°, 59%, 65% |
| HSV | 15°, 49%, 85% |
| XYZ | 41.0687, 34.5405, 19.8329 |
| YIQ | 159.5430, 55.7510, 8.3510 |

Conversions

Conversions Part 2

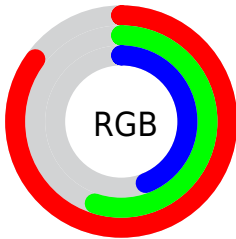
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 218, 148, 112 |
| Decimal | 14322544 |
| CIE _{Lab} | 65.39, 27.19, 26.95 |
| CIE _{LCh} | 65, 38.284, 44.755 |
| Yxy | 34.5405, 0.4303, 0.3619 |
| Android (android.graphics.Color) | 4292512624 (0xFFDA8B70) |
| YUV | 159.5430, -23.4387, 51.2668 |
| Hunter-Lab | 58.7712, 21.8846, 21.1319 |

Details

The Yxy color **34.5405, 0.4303, 0.3619** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.7615, 0.2420, 0.2917**, and the grayscale version is **35.0244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0803, 0.3881, 0.3595**, and **14.8232, 0.4675, 0.3665** is the 20% darker color. If you saturate the color by 10%, you get **29.7536, 0.4667, 0.3671**, and if you desaturate by 10%, it is **40.1474, 0.3980, 0.3554**.

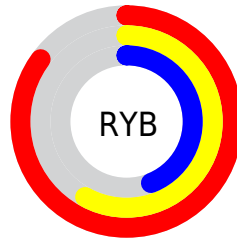
Distribution



Red (85%)

Green (55%)

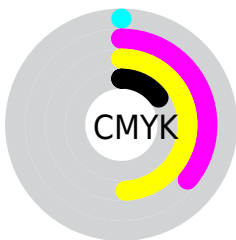
Blue (44%)



Red (85%)

Yellow (58%)

Blue (44%)

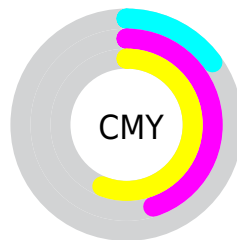


Cyan (0%)

Magenta (36%)

Yellow (49%)

Black (15%)



Cyan (15%)


Magenta (45%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5405, 0.4303, 0.3619 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 34.5405, 0.4303, 0.3619 by changing the saturation by 10% instead.


 34.5405, 0.4303,
0.3619


 34.5405, 0.4303,
0.3619


322.5354, 0.3683,
0.3476

 23.3091, 0.4465,
0.3644


 66.7733, 0.4071,
0.3574

 14.8219, 0.4677,
0.3669


 88.5435, 0.3986,
0.3555

 8.6945, 0.4960,
0.3687


 114.5955, 0.3915,
0.3538

 4.5425, 0.5354,
0.3681

 145.3137, 0.3854,
0.3523

 1.9814, 0.6221,
0.3779

181.0823, 0.3802,
0.3509

 0.5966, 0.6844,
0.3156

222.2859, 0.3757,

 0.0000, 1.0000,

0.3497

0.0000

269.3088, 0.3717,
0.3486

0.0000, 0.0000,
0.0000

34.5405, 0.4303,
0.3619

34.5405, 0.4303,
0.3619

29.7536, 0.4667,
0.3671

40.1474, 0.3980,
0.3554

25.7422, 0.5056,
0.3700

46.6058, 0.3702,
0.3483

22.4652, 0.5443,
0.3695

53.9516, 0.3467,
0.3413

19.8752, 0.5787,
0.3647


62.2172, 0.3270,
0.3345


17.9153, 0.6051,
0.3563

71.4334, 0.3106,
0.3282

 17.6883, 0.6084,
0.3551

 81.6294, 0.2969,
0.3223

 92.1994, 0.2905,
0.3266

 93.6439, 0.2906,
0.3289

Harmonies

Analogous

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



34.5405, 0.4062, 0.3163



34.5405, 0.4303, 0.3619



34.5405, 0.4189, 0.4048

Triad

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



34.5405, 0.4303, 0.3619



34.5405, 0.2668, 0.3919



34.5405, 0.2440, 0.2364

Complementary

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



34.5405, 0.4303, 0.3619



45.7615, 0.2420, 0.2917

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.



34.5405, 0.2142, 0.2460



34.5405, 0.4303, 0.3619



34.5405, 0.2258, 0.3320

Square

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



34.5405, 0.4303, 0.3619



34.5405, 0.3225, 0.4313



34.5405, 0.2078, 0.2785



34.5405, 0.2938, 0.2476

Rectangle

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



34.5405, 0.4303, 0.3619



34.5405, 0.3944, 0.4264



34.5405, 0.2078, 0.2785



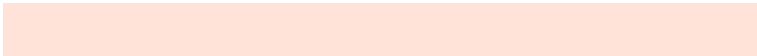
34.5405, 0.2316, 0.2371

Sweetspot

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



34.5422, 0.4303, 0.3619



80.9197, 0.3395, 0.3389



30.2768, 0.3463, 0.2374



16.7991, 0.3438, 0.3403



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.



34.5422, 0.4303, 0.3619



42.5089, 0.4663, 0.3671



53.5513, 0.3978, 0.4212



13.5881, 0.3285, 0.3350



10.7449, 0.6059, 0.3571



0.8341, 0.5736, 0.3828

Inverse Universe

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



45.7615, 0.2420, 0.2917



60.1400, 0.2304, 0.2826



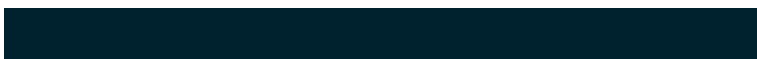
26.8278, 0.2274, 0.2141



14.2385, 0.2982, 0.3229



18.7904, 0.2013, 0.2447



1.3523, 0.2056, 0.2600

Previews

White Background



This preview shows how the Yxy color 34.5405, 0.4303, 0.3619 looks on a white background.

Color Contrast Check

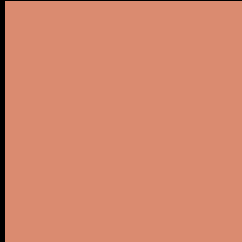
Large Text (above 18pt) WCAG AA × Fail

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 34.5405, 0.4303, 0.3619 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 34.5405, 0.4303, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 34.5405, 0.4303, 0.3619.



This preview shows how white text looks on a background with the Yxy color 34.5405, 0.4303, 0.3619.

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

34.5405, 0.4303, 0.3619

Protanopia

34.7228, 0.3594, 0.3848

Deuteranopia

34.5077, 0.3958, 0.3877



Tritanopia

34.7444, 0.3980, 0.3172

Trichromacy



Original Color

34.5405, 0.4303, 0.3619

Protanomaly

34.3293, 0.3835, 0.3762

Deuteranomaly

34.2726, 0.4084, 0.3776

Tritanomaly

34.5174, 0.4104, 0.3329

Monochromacy



Original Color

34.5405, 0.4303, 0.3619

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.2634, 0.3515, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5405, 0.4303, 0.3619 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, 139, 112)` looks like.

```
.text, #text, p{  
    color:rgb(218, 139, 112)  
}
```

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, 139, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 139, 112) }
```

Border

The CSS property to change the border of an element to Yxy 34.5405, 0.4303, 0.3619 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, 139, 112) }
```

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

```
.border{ border-color:rgb(218, 139, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 139, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 139, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 139, 112);  
box-shadow:4px 4px 4px 4px rgb(218, 139,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5405, 0.4303, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 139, 112) }
```

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

```
.background{ background-color: rgb(218,  
139, 112) }
```

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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