

Converting Colors

$Yxy(34.7218, 0.4107, 0.3485)$

Have a look what the booklet for
Yxy(34.7218, 0.4107, 0.3485)
contains.

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Color

Yxy(34.8266, 0.4106, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	D68D7D
RGB	214, 141, 125
RGB Percent	84%, 55%, 49%
CMY	0.1607, 0.4471, 0.5097
CMYK	0.00, 0.34, 0.42, 0.16
HSL	11°, 52%, 66%
HSV	11°, 42%, 84%
XYZ	40.9619, 34.8266, 23.9726
YIQ	161.0030, 48.6440, 10.5000

Conversions

Conversions Part 2

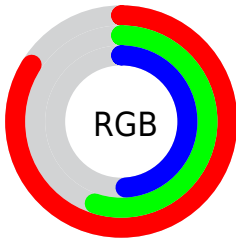
Format	Color
R _Y B	214, 145, 125
Decimal	14060925
CIE Lab	65.61, 25.89, 19.95
CIE LCh	66, 32.684, 37.609
Yxy	34.8266, 0.4106, 0.3491
Android (android.graphics.Color)	4292251005 (0xFFD68D7D)
YUV	161.0030, -17.7495, 46.4784
Hunter-Lab	59.0141, 20.6230, 17.2252

Details

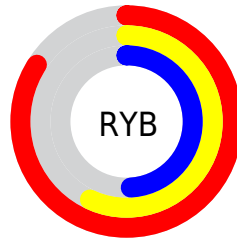
The Yxy color **34.8266, 0.4106, 0.3491** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.6227, 0.2527, 0.3073**, and the grayscale version is **35.7108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5046, 0.3758, 0.3469**, and **15.0022, 0.4428, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **29.5647, 0.4465, 0.3534**, and if you desaturate by 10%, it is **41.0307, 0.3798, 0.3442**.

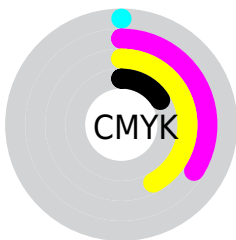
Distribution



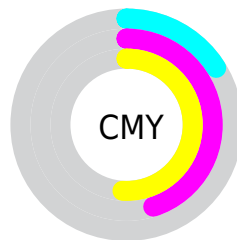
- Red (84%)
- Green (55%)
- Blue (49%)



- Red (84%)
- Yellow (57%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (42%)
- Black (16%)





- Cyan (16%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8266, 0.4106, 0.3491 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 34.8266, 0.4106, 0.3491 by changing the saturation by 10% instead.


 34.8266, 0.4106,
0.3491


 34.8266, 0.4106,
0.3491


323.8023, 0.3588,
0.3405

 23.5293, 0.4243,
0.3506


 67.2171, 0.3911,
0.3464

 14.9848, 0.4424,
0.3521


 89.0790, 0.3840,
0.3452

 8.8088, 0.4671,
0.3532


 115.2314, 0.3781,
0.3442

 4.6166, 0.5026,
0.3528

146.0585, 0.3731,
0.3433

 2.0241, 0.5635,
0.3518

181.9447, 0.3687,
0.3425

 0.6214, 0.6737,
0.3263

223.2745, 0.3650,

 0.0000, 1.0000,

0.3418

0.0000

270.4322, 0.3617,
0.3411

0.0000, 0.0000,
0.0000

34.8266, 0.4106,
0.3491

34.8266, 0.4106,
0.3491

29.5647, 0.4465,
0.3534

41.0307, 0.3798,
0.3442

25.1937, 0.4868,
0.3565

48.2150, 0.3541,
0.3392

21.6650, 0.5292,
0.3573

56.4214, 0.3328,
0.3343

18.9233, 0.5696,
0.3552

65.6880, 0.3152,
0.3297

16.9062, 0.6026,
0.3498

76.0509, 0.3007,
0.3255

■ 15.7111, 0.6225,
0.3439

■ 87.5445, 0.2888,
0.3216

■ 93.0380, 0.2883,
0.3289

Harmonies

Analogous

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



34.8266, 0.3833, 0.3097



34.8266, 0.4106, 0.3491



34.8266, 0.4086, 0.3873

Triad

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



34.8266, 0.4106, 0.3491



34.8266, 0.2846, 0.3921



34.8266, 0.2457, 0.2492

Complementary

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



34.8266, 0.4106, 0.3491



49.6227, 0.2527, 0.3073

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.



34.8266, 0.2242, 0.2628



34.8266, 0.4106, 0.3491



34.8266, 0.2450, 0.3444

Square

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



34.8266, 0.4106, 0.3491



34.8266, 0.3339, 0.4185



34.8266, 0.2238, 0.2962



34.8266, 0.2855, 0.2545

Rectangle

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



34.8266, 0.4106, 0.3491



34.8266, 0.3917, 0.4074



34.8266, 0.2238, 0.2962



34.8266, 0.2363, 0.2515

Sweetspot

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



34.8283, 0.4106, 0.3491



83.1977, 0.3338, 0.3345



33.1029, 0.3323, 0.2423



17.4465, 0.3364, 0.3352



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.



34.8283, 0.4106, 0.3491



44.7421, 0.4424, 0.3530



50.2054, 0.3880, 0.4004



12.7777, 0.3287, 0.3333



9.6039, 0.6204, 0.3456



0.6901, 0.5886, 0.3708

Inverse Universe

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



49.6227, 0.2527, 0.3073



69.5468, 0.2420, 0.3018



32.5557, 0.2426, 0.2447



13.7110, 0.2983, 0.3247



21.7434, 0.2086, 0.2709



1.4128, 0.2117, 0.2820

Previews

White Background



This preview shows how the Yxy color 34.8266, 0.4106, 0.3491 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 34.8266, 0.4106, 0.3491 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 34.8266, 0.4106, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 34.8266, 0.4106, 0.3491.



This preview shows how white text looks on a background with the Yxy color 34.8266, 0.4106, 0.3491.

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

34.8266, 0.4106, 0.3491

Protanopia

34.8423, 0.3449, 0.3658

Deuteranopia

34.9039, 0.3790, 0.3705



Tritanopia

34.9140, 0.3881, 0.3169

Trichromacy



Original Color

34.8266, 0.4106, 0.3491

Protanomaly

34.4095, 0.3681, 0.3585

Deuteranomaly

34.8204, 0.3895, 0.3625

Tritanomaly

34.8058, 0.3957, 0.3280

Monochromacy



Original Color

34.8266, 0.4106, 0.3491

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.9526, 0.3450, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8266, 0.4106, 0.3491 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(214, 141, 125)` looks like.

```
.text, #text, p{  
    color:rgb(214, 141, 125)  
}
```

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(214, 141, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 141, 125) }
```

Border

The CSS property to change the border of an element to Yxy 34.8266, 0.4106, 0.3491 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(214, 141, 125) }
```

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

```
.border{ border-color:rgb(214, 141, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 141, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 141, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 141, 125);  
box-shadow:4px 4px 4px 4px rgb(214, 141,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8266, 0.4106, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 141, 125) }
```

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

```
.background{ background-color: rgb(214,  
141, 125) }
```

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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