

Converting Colors

Yxy(34.2356, 0.3975, 0.3494)

Have a look what the booklet for
Yxy(34.2356, 0.3975, 0.3494)
contains.

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Color

Yxy(34.1564, 0.3978, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	CD8F7F
RGB	205, 143, 127
RGB Percent	80%, 56%, 50%
CMY	0.1960, 0.4392, 0.5019
CMYK	0.00, 0.30, 0.38, 0.20
HSL	12°, 44%, 65%
HSV	12°, 38%, 80%
XYZ	38.8323, 34.1564, 24.6289
YIQ	159.7140, 42.0880, 8.1680

Conversions

Conversions Part 2

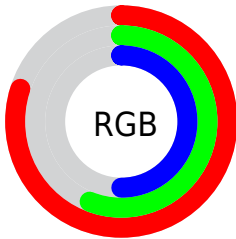
Format	Color
R _Y B	205, 147, 127
Decimal	13471615
CIE Lab	65.09, 21.50, 17.95
CIE LCh	65, 28.006, 39.849
Yxy	34.1564, 0.3978, 0.3499
Android (android.graphics.Color)	4291661695 (0xFFCD8F7F)
YUV	159.7140, -16.1280, 39.7158
Hunter-Lab	58.4435, 16.3268, 15.9248

Details

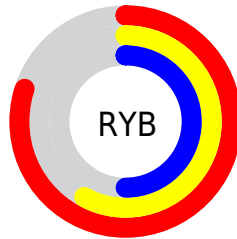
The Yxy color **34.1564, 0.3978, 0.3499** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.3250, 0.2569, 0.3066**, and the grayscale version is **35.0778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4878, 0.3736, 0.3469**, and **14.5939, 0.4262, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **29.1335, 0.4311, 0.3552**, and if you desaturate by 10%, it is **40.0023, 0.3695, 0.3442**.

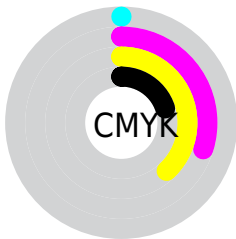
Distribution



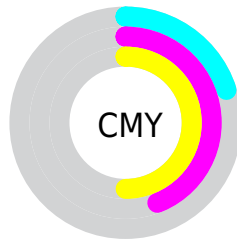
- Red (80%)
- Green (56%)
- Blue (50%)



- Red (80%)
- Yellow (58%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (38%)
- Black (20%)




- Cyan (20%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1564, 0.3978, 0.3499 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 34.1564, 0.3978, 0.3499 by changing the saturation by 10% instead.


 34.1564, 0.3978,
0.3499


 34.1564, 0.3978,
0.3499

320.8289, 0.3526,
0.3404

 23.0138, 0.4099,
0.3519


 66.1768, 0.3808,
0.3467

 14.6037, 0.4259,
0.3540


 87.8234, 0.3746,
0.3454

 8.5417, 0.4478,
0.3563


 113.7401, 0.3694,
0.3443

 4.4435, 0.4798,
0.3580

144.3112, 0.3650,
0.3433

 1.9246, 0.5346,
0.3599

179.9213, 0.3613,
0.3425

 0.5631, 0.6572,
0.3428

220.9547, 0.3580,

 0.0000, 1.0000,

0.3417

0.0000

267.7957, 0.3552,
0.3410

0.0000, 0.0000,
0.0000

34.1564, 0.3978,
0.3499

34.1564, 0.3978,
0.3499

29.1335, 0.4311,
0.3552

40.0023, 0.3695,
0.3442

24.8915, 0.4689,
0.3593

46.7011, 0.3457,
0.3385

21.3920, 0.5097,
0.3615


54.2870, 0.3261,
0.3331


18.5912, 0.5504,
0.3608


62.7912, 0.3098,
0.3280

16.4404, 0.5863,
0.3564

72.2430, 0.2963,
0.3234

 14.8819, 0.6132,
0.3490

 82.6706, 0.2850,
0.3192

 14.6378, 0.6178,
0.3477

 91.7202, 0.2833,
0.3289

Harmonies

Analogous

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



34.1564, 0.3761, 0.3150



34.1564, 0.3978, 0.3499



34.1564, 0.3945, 0.3825

Triad

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



34.1564, 0.3978, 0.3499



34.1564, 0.2858, 0.3802



34.1564, 0.2565, 0.2591

Complementary

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



34.1564, 0.3978, 0.3499



45.3250, 0.2569, 0.3066

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.



34.1564, 0.2362, 0.2703



34.1564, 0.3978, 0.3499



34.1564, 0.2520, 0.3393

Square

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



34.1564, 0.3978, 0.3499



34.1564, 0.3284, 0.4047



34.1564, 0.2345, 0.2985



34.1564, 0.2924, 0.2648

Rectangle

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



34.1564, 0.3978, 0.3499



34.1564, 0.3792, 0.3987



34.1564, 0.2345, 0.2985



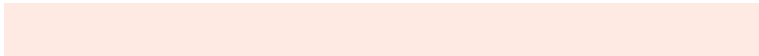
34.1564, 0.2478, 0.2609

Sweetspot

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



34.1580, 0.3978, 0.3499



84.9113, 0.3318, 0.3348



31.8543, 0.3329, 0.2525



17.8041, 0.3344, 0.3355



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.



34.1580, 0.3978, 0.3499



48.8371, 0.4259, 0.3544



47.8090, 0.3793, 0.3972



11.5800, 0.3285, 0.3338



9.2227, 0.6155, 0.3495



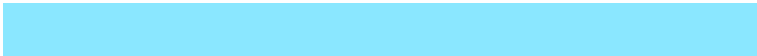
0.5870, 0.5777, 0.3795

Inverse Universe

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



45.3250, 0.2569, 0.3066



69.7245, 0.2461, 0.3008



30.8654, 0.2485, 0.2495



12.3213, 0.2983, 0.3241



19.1853, 0.2062, 0.2623



1.0910, 0.2102, 0.2768

Previews

White Background



This preview shows how the Yxy color 34.1564, 0.3978, 0.3499 looks on a white background.

Color Contrast Check

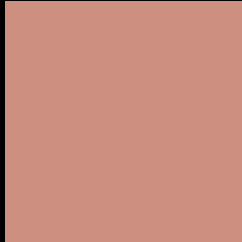
Large Text (above 18pt) WCAG AA × Fail

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 34.1564, 0.3978, 0.3499 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 34.1564, 0.3978, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 34.1564, 0.3978, 0.3499.



This preview shows how white text looks on a background with the Yxy color 34.1564, 0.3978, 0.3499.

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

34.1564, 0.3978, 0.3499

Protanopia

34.3904, 0.3441, 0.3645

Deuteranopia

34.2514, 0.3742, 0.3669



Tritanopia

34.2236, 0.3755, 0.3164

Trichromacy



Original Color

34.1564, 0.3978, 0.3499

Protanomaly

34.2449, 0.3634, 0.3603

Deuteranomaly

34.2077, 0.3820, 0.3605

Tritanomaly

34.1246, 0.3830, 0.3279

Monochromacy



Original Color

34.1564, 0.3978, 0.3499

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.4794, 0.3408, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1564, 0.3978, 0.3499 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(205, 143, 127)` looks like.

```
.text, #text, p{  
    color:rgb(205, 143, 127)  
}
```

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(205, 143, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 143, 127) }
```

Border

The CSS property to change the border of an element to Yxy 34.1564, 0.3978, 0.3499 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(205, 143, 127) }
```

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

```
.border{ border-color:rgb(205, 143, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 143, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 143, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 143, 127);  
box-shadow:4px 4px 4px 4px rgb(205, 143,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1564, 0.3978, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 143, 127) }
```

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

```
.background{ background-color: rgb(205,  
143, 127) }
```

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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