

Converting Colors

Yxy(34.4498, 0.3907, 0.3448)

Have a look what the booklet for
Yxy(34.4498, 0.3907, 0.3448)
contains.

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Color

Yxy(34.4498, 0.3907, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	CC9084
RGB	204, 144, 132
RGB Percent	80%, 56%, 52%
CMY	0.2001, 0.4352, 0.4823
CMYK	0.00, 0.29, 0.35, 0.20
HSL	10°, 41%, 66%
HSV	10°, 35%, 80%
XYZ	39.0358, 34.4498, 26.4268
YIQ	160.5720, 39.6120, 8.9880

Conversions

Conversions Part 2

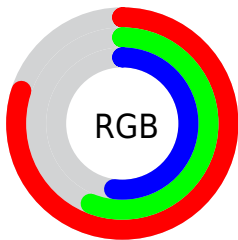
Format	Color
R_{YB}	204, 146, 132
Decimal	13406340
CIE _{Lab}	65.32, 21.15, 15.45
CIE _{LCh}	65, 26.191, 36.145
Yxy	34.4498, 0.3907, 0.3448
Android (android.graphics.Color)	4291596420 (0xFFCC9084)
YUV	160.5720, -14.0860, 38.0864
Hunter-Lab	58.6940, 16.0012, 14.3906

Details

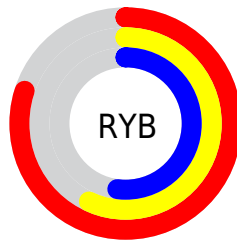
The Yxy color **34.4498, 0.3907, 0.3448** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.9538, 0.2612, 0.3124**, and the grayscale version is **35.4855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1509, 0.3692, 0.3427**, and **14.7491, 0.4158, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **29.1790, 0.4236, 0.3492**, and if you desaturate by 10%, it is **40.6082, 0.3630, 0.3401**.

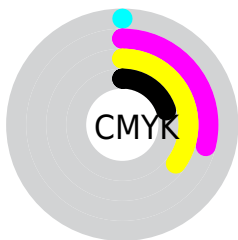
Distribution



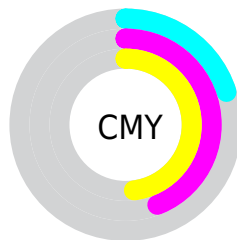
- Red (80%)
- Green (56%)
- Blue (52%)



- Red (80%)
- Yellow (57%)
- Blue (52%)



- Cyan (0%)
- Magenta (29%)
- Yellow (35%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4498, 0.3907, 0.3448 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 34.4498, 0.3907, 0.3448 by changing the saturation by 10% instead.


 34.4498, 0.3907,
0.3448

 34.4498, 0.3907,
0.3448


322.1331, 0.3493,
0.3377


 23.2394, 0.4018,
0.3462


 66.6325, 0.3751,
0.3425

 14.7703, 0.4164,
0.3478

 88.3736, 0.3694,
0.3415

 8.6584, 0.4367,
0.3494


 114.3937, 0.3647,
0.3407

 4.5190, 0.4663,
0.3504

145.0772, 0.3607,
0.3399

 1.9679, 0.5142,
0.3496

180.8085, 0.3572,
0.3393

 0.5887, 0.6510,
0.3490

221.9720, 0.3543,

 0.0000, 1.0000,

0.3387

0.0000

268.9520, 0.3516,
0.3382

0.0000, 0.0000,
0.0000

34.4498, 0.3907,
0.3448

34.4498, 0.3907,
0.3448

29.1790, 0.4236,
0.3492

40.6082, 0.3630,
0.3401

24.7499, 0.4615,
0.3529

47.6875, 0.3401,
0.3355

21.1201, 0.5033,
0.3550

55.7253, 0.3213,
0.3312

18.2411, 0.5459,
0.3548

64.7556, 0.3058,
0.3271

16.0594, 0.5844,
0.3516

74.8108, 0.2930,
0.3235

■ 14.5137, 0.6136,
0.3455

■ 85.9219, 0.2824,
0.3201

■ 13.9789, 0.6242,
0.3426

■ 91.5740, 0.2827,
0.3289

Harmonies

Analogous

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



34.4498, 0.3679, 0.3122



34.4498, 0.3907, 0.3448



34.4498, 0.3907, 0.3759

Triad

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



34.4498, 0.3907, 0.3448



34.4498, 0.2924, 0.3804



34.4498, 0.2569, 0.2639

Complementary

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



34.4498, 0.3907, 0.3448



46.9538, 0.2612, 0.3124

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.



34.4498, 0.2398, 0.2767



34.4498, 0.3907, 0.3448



34.4498, 0.2591, 0.3437

Square

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



34.4498, 0.3907, 0.3448



34.4498, 0.3325, 0.4005



34.4498, 0.2405, 0.3050



34.4498, 0.2891, 0.2673

Rectangle

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



34.4498, 0.3907, 0.3448



34.4498, 0.3782, 0.3920



34.4498, 0.2405, 0.3050



34.4498, 0.2494, 0.2664

Sweetspot

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



34.4514, 0.3907, 0.3448



84.3071, 0.3319, 0.3337



33.1455, 0.3286, 0.2553



17.6612, 0.3346, 0.3343



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.



34.4514, 0.3907, 0.3448



50.5802, 0.4141, 0.3481



47.1384, 0.3749, 0.3894



11.5109, 0.3286, 0.3329



8.8936, 0.6222, 0.3441



0.5553, 0.5875, 0.3717

Inverse Universe

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



46.9538, 0.2612, 0.3124



74.1560, 0.2519, 0.3084



33.0428, 0.2541, 0.2599



12.3961, 0.2983, 0.3250



20.9524, 0.2098, 0.2754



1.1677, 0.2131, 0.2869

Previews

White Background



This preview shows how the Yxy color 34.4498, 0.3907, 0.3448 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 34.4498, 0.3907, 0.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

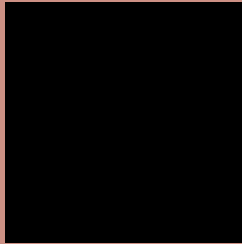
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.4498, 0.3907, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 34.4498, 0.3907, 0.3448.



This preview shows how white text looks on a background with the Yxy color 34.4498, 0.3907, 0.3448.

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

34.4498, 0.3907, 0.3448

Protanopia

34.4248, 0.3383, 0.3571

Deuteranopia

34.5845, 0.3676, 0.3613



Tritanopia

34.4386, 0.3719, 0.3151

Trichromacy



Original Color

34.4498, 0.3907, 0.3448

Protanomaly

34.2633, 0.3573, 0.3532

Deuteranomaly

34.5278, 0.3753, 0.3551

Tritanomaly

34.3695, 0.3783, 0.3253

Monochromacy



Original Color

34.4498, 0.3907, 0.3448

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.9918, 0.3397, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4498, 0.3907, 0.3448 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(204, 144, 132)` looks like.

```
.text, #text, p{  
    color:rgb(204, 144, 132)  
}
```

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(204, 144, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 144, 132) }
```

Border

The CSS property to change the border of an element to Yxy 34.4498, 0.3907, 0.3448 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(204, 144, 132) }
```

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

```
.border{ border-color:rgb(204, 144, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 144, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 144, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 144, 132);  
box-shadow:4px 4px 4px 4px rgb(204, 144,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4498, 0.3907, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 144, 132) }
```

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

```
.background{ background-color: rgb(204,  
144, 132) }
```

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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