

Converting Colors

$Y_{xy}(34.1509, 0.3979, 0.3572)$

Have a look what the booklet for
Yxy(34.1509, 0.3979, 0.3572)
contains.

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Color

Yxy(34.2374, 0.3979, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	CA917B
RGB	202, 145, 123
RGB Percent	79%, 57%, 48%
CMY	0.2079, 0.4313, 0.5176
CMYK	0.00, 0.28, 0.39, 0.21
HSL	17°, 43%, 64%
HSV	17°, 39%, 79%
XYZ	38.0532, 34.2374, 23.3446
YIQ	159.5350, 41.0340, 5.2420

Conversions

Conversions Part 2

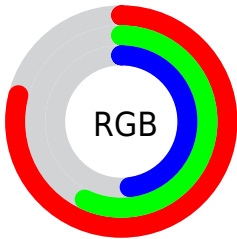
Format	Color
R _Y B	202, 153, 123
Decimal	13275515
CIE Lab	65.15, 18.73, 20.21
CIE LCh	65, 27.554, 47.183
Yxy	34.2374, 0.3979, 0.3580
Android (android.graphics.Color)	4291465595 (0xFFCA917B)
YUV	159.5350, -18.0118, 37.2418
Hunter-Lab	58.5127, 13.6886, 17.3043

Details

The Yxy color **34.2374, 0.3979, 0.3580** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.1052, 0.2543, 0.2975**, and the grayscale version is **34.9998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2414, 0.3762, 0.3531**, and **14.6108, 0.4262, 0.3643** is the 20% darker color. If you saturate the color by 10%, you get **29.6130, 0.4295, 0.3651**, and if you desaturate by 10%, it is **39.5405, 0.3706, 0.3503**.

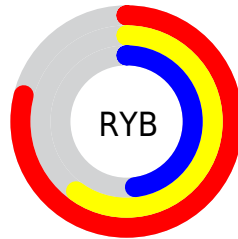
Distribution



Red (79%)

Green (57%)

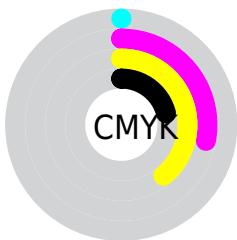
Blue (48%)



Red (79%)

Yellow (60%)

Blue (48%)

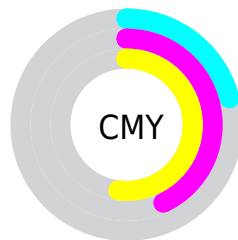


Cyan (0%)

Magenta (28%)

Yellow (39%)

Black (21%)



Cyan (21%)


Magenta (43%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2374, 0.3979, 0.3580 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 34.2374, 0.3979, 0.3580 by changing the saturation by 10% instead.


 34.2374, 0.3979,
0.3580

 34.2374, 0.3979,
0.3580


321.1893, 0.3528,
0.3443

 23.0760, 0.4099,
0.3610


 66.3027, 0.3809,
0.3533

 14.6497, 0.4258,
0.3646


 87.9754, 0.3747,
0.3514

 8.5739, 0.4475,
0.3687


 113.9206, 0.3695,
0.3498

 4.4643, 0.4788,
0.3728

144.5229, 0.3652,
0.3484

 1.9365, 0.5368,
0.3817

180.1665, 0.3614,
0.3472

 0.5702, 0.6390,
0.3610


221.2358, 0.3581,

 0.0000, 0.0000,


0.3461


0.0000

268.1153, 0.3553,
0.3451


 34.2374, 0.3979,
0.3580


 34.2374, 0.3979,
0.3580


 29.6130, 0.4295,
0.3651


 39.5405, 0.3706,
0.3503

 25.6343, 0.4648,
0.3709


 45.5436, 0.3473,
0.3427


 22.2730, 0.5025,
0.3742


 52.2732, 0.3278,
0.3353

 19.4962, 0.5400,
0.3739


 59.7530, 0.3113,
0.3284


 17.2680, 0.5735,
0.3692

 68.0055, 0.2976,
0.3220

 15.5432, 0.6000,
0.3607

 77.0522, 0.2860,
0.3162

 15.4093, 0.6023,
0.3600

 86.2940, 0.2810,
0.3205

 91.2932, 0.2816,
0.3289

Harmonies

Analogous

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



34.2374, 0.3822, 0.3235



34.2374, 0.3979, 0.3580



34.2374, 0.3887, 0.3883

Triad

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



34.2374, 0.3979, 0.3580



34.2374, 0.2770, 0.3704



34.2374, 0.2649, 0.2601

Complementary

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



34.2374, 0.3979, 0.3580



41.1052, 0.2543, 0.2975

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.



34.2374, 0.2407, 0.2670



34.2374, 0.3979, 0.3580



34.2374, 0.2471, 0.3288

Square

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



34.2374, 0.3979, 0.3580



34.2374, 0.3177, 0.3996



34.2374, 0.2344, 0.2909



34.2374, 0.3030, 0.2694

Rectangle

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



34.2374, 0.3979, 0.3580



34.2374, 0.3706, 0.4016



34.2374, 0.2344, 0.2909



34.2374, 0.2550, 0.2605

Sweetspot

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



34.2390, 0.3979, 0.3580



84.9003, 0.3334, 0.3375



30.0544, 0.3393, 0.2564



17.8447, 0.3359, 0.3385



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.



34.2390, 0.3979, 0.3580



51.2219, 0.4246, 0.3641



48.0780, 0.3789, 0.4050



11.7141, 0.3283, 0.3355



10.0489, 0.5999, 0.3619



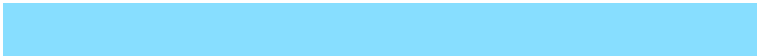
0.6484, 0.5605, 0.3932

Inverse Universe

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



41.1052, 0.2543, 0.2975



64.4142, 0.2429, 0.2893



27.6531, 0.2455, 0.2389



12.1779, 0.2983, 0.3224



16.0713, 0.1991, 0.2365



0.9528, 0.2047, 0.2567

Previews

White Background



This preview shows how the Yxy color 34.2374, 0.3979, 0.3580 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 34.2374, 0.3979, 0.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

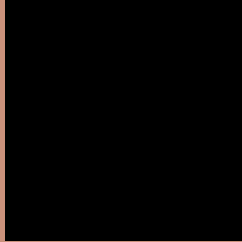
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2374, 0.3979, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 34.2374, 0.3979, 0.3580.



This preview shows how white text looks on a background with the Yxy color 34.2374, 0.3979, 0.3580.

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

34.2374, 0.3979, 0.3580

Protanopia

34.3635, 0.3500, 0.3719

Deuteranopia

34.3007, 0.3784, 0.3709



Tritanopia

34.2959, 0.3708, 0.3150

Trichromacy



Original Color

34.2374, 0.3979, 0.3580

Protanomaly

34.0181, 0.3664, 0.3661

Deuteranomaly

34.1065, 0.3862, 0.3659

Tritanomaly

34.1065, 0.3816, 0.3305

Monochromacy



Original Color

34.2374, 0.3979, 0.3580

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6632, 0.3405, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2374, 0.3979, 0.3580 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(202, 145, 123)` looks like.

```
.text, #text, p{  
    color:rgb(202, 145, 123)  
}
```

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(202, 145, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 145, 123) }
```

Border

The CSS property to change the border of an element to Yxy 34.2374, 0.3979, 0.3580 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(202, 145, 123) }
```

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

```
.border{ border-color:rgb(202, 145, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 145, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 145, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 145, 123);  
box-shadow:4px 4px 4px 4px rgb(202, 145,  
123) }
```


Background

The CSS property to change the background color of an element to `Yxy 34.2374, 0.3979, 0.3580` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 145, 123) }
```

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

```
.background{ background-color: rgb(202,  
145, 123) }
```

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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