

Converting Colors

$Yxy(34.5986, 0.3767, 0.3207)$

Have a look what the booklet for
Yxy(34.5986, 0.3767, 0.3207)
contains.

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Color

Yxy(34.7495, 0.3771, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	CF8E94
RGB	207, 142, 148
RGB Percent	81%, 56%, 58%
CMY	0.1881, 0.4432, 0.4196
CMYK	0.00, 0.31, 0.29, 0.19
HSL	354°, 40%, 68%
HSV	354°, 31%, 81%
XYZ	40.7591, 34.7495, 32.5770
YIQ	162.1190, 36.8140, 15.6460

Conversions

Conversions Part 2

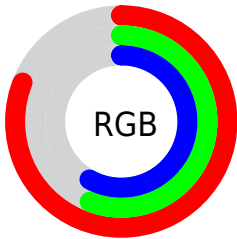
Format	Color
RYB	207, 142, 148
Decimal	13602452
CIELab	65.55, 25.53, 6.84
CIELCh	66, 26.429, 15.005
Yxy	34.7495, 0.3771, 0.3215
Android (android.graphics.Color)	4291792532 (0xFFCF8E94)
YUV	162.1190, -6.9607, 39.3606
Hunter-Lab	58.9487, 20.2605, 8.4985

Details

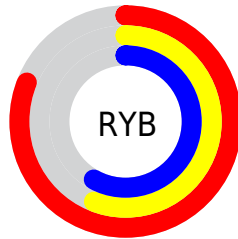
The Yxy color **34.7495, 0.3771, 0.3215** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.6132, 0.2715, 0.3369**, and the grayscale version is **36.2115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.0041, 0.3559, 0.3229**, and **14.9245, 0.3988, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **28.6052, 0.4082, 0.3191**, and if you desaturate by 10%, it is **42.1379, 0.3517, 0.3240**.

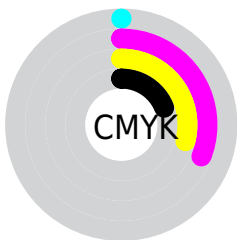
Distribution



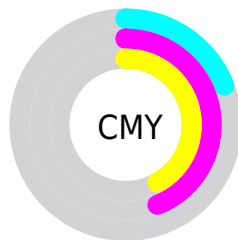
- Red (81%)
- Green (56%)
- Blue (58%)



- Red (81%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (19%)





- Cyan (19%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7495, 0.3771, 0.3215 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 34.7495, 0.3771, 0.3215 by changing the saturation by 10% instead.


 34.7495, 0.3771,
0.3215


 34.7495, 0.3771,
0.3215


323.4613, 0.3431,
0.3260


 23.4700, 0.3862,
0.3201


 67.0975, 0.3643,
0.3233

 14.9409, 0.3983,
0.3181


 88.9348, 0.3596,
0.3240

 8.7779, 0.4151,
0.3151


 115.0601, 0.3557,
0.3245

 4.5966, 0.4398,
0.3102

145.8579, 0.3524,
0.3249

 2.0126, 0.4797,
0.3012

181.7125, 0.3496,
0.3252

 0.6148, 0.6105,
0.2972

223.0083, 0.3471,

 0.0000, 1.0000,

0.3255


0.0000


270.1298, 0.3450,
0.3258


 0.0000, 0.0000,
0.0000

 34.7495, 0.3771,
0.3215


 34.7495, 0.3771,
0.3215


 28.6052, 0.4082,
0.3191

 42.1379, 0.3517,
0.3240


 23.6318, 0.4455,
0.3172

 50.8282, 0.3312,
0.3264


 19.7564, 0.4881,
0.3160

 60.8809, 0.3148,
0.3287

 16.8957, 0.5335,
0.3161

 72.3509, 0.3016,
0.3308

 14.9544, 0.5767,
0.3180

 85.2903, 0.2909,
0.3327

■ 13.8192, 0.6111,
0.3215

■ 92.0113, 0.2844,
0.3289

■ 13.3189, 0.6306,
0.3248

Harmonies

Analogous

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



34.7495, 0.3421, 0.2917



34.7495, 0.3771, 0.3215



34.7495, 0.3937, 0.3546

Triad

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



34.7495, 0.3771, 0.3215



34.7495, 0.3206, 0.3974



34.7495, 0.2427, 0.2708

Complementary

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



34.7495, 0.3771, 0.3215



54.6132, 0.2715, 0.3369

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.



34.7495, 0.2380, 0.2950



34.7495, 0.3771, 0.3215



34.7495, 0.2812, 0.3710

Square

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



34.7495, 0.3771, 0.3215



34.7495, 0.3594, 0.4011



34.7495, 0.2515, 0.3318



34.7495, 0.2648, 0.2629

Rectangle

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



34.7495, 0.3771, 0.3215



34.7495, 0.3916, 0.3751



34.7495, 0.2515, 0.3318



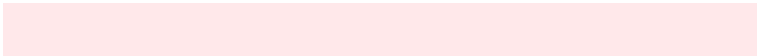
34.7495, 0.2391, 0.2771

Sweetspot

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



34.7511, 0.3771, 0.3215



84.9518, 0.3271, 0.3270



36.2018, 0.3101, 0.2500



17.6996, 0.3297, 0.3266



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.



34.7511, 0.3771, 0.3215



48.5402, 0.3984, 0.3198



43.2320, 0.3737, 0.3620



11.8257, 0.3276, 0.3269



8.3939, 0.6287, 0.3237



0.4756, 0.5966, 0.3060

Inverse Universe

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



34.7511, 0.3771, 0.3215



48.5402, 0.3984, 0.3198



43.3119, 0.2638, 0.2934



11.8257, 0.3276, 0.3269



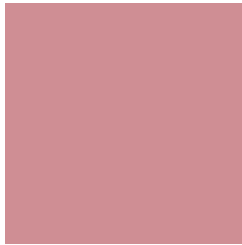
8.3939, 0.6287, 0.3237



0.4756, 0.5966, 0.3060

Previews

White Background



This preview shows how the Yxy color 34.7495, 0.3771, 0.3215 looks on a white background.

Color Contrast Check

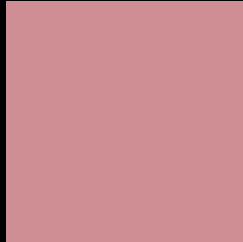
Large Text (above 18pt) WCAG AA × Fail

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 34.7495, 0.3771, 0.3215 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 34.7495, 0.3771, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 34.7495, 0.3771, 0.3215.



This preview shows how white text looks on a background with the Yxy color 34.7495, 0.3771, 0.3215.

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

34.7495, 0.3771, 0.3215

Protanopia

35.0171, 0.3184, 0.3319

Deuteranopia

34.8898, 0.3470, 0.3404



Tritanopia

34.5821, 0.3730, 0.3152

Trichromacy



Original Color

34.7495, 0.3771, 0.3215

Protanomaly

34.6993, 0.3382, 0.3277

Deuteranomaly

34.8664, 0.3575, 0.3332

Tritanomaly

34.5495, 0.3741, 0.3164

Monochromacy



Original Color

34.7495, 0.3771, 0.3215

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.3420, 0.3339, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7495, 0.3771, 0.3215 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(207, 142, 148)` looks like.

```
.text, #text, p{  
    color:rgb(207, 142, 148)  
}
```

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(207, 142, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 142, 148) }
```

Border

The CSS property to change the border of an element to Yxy 34.7495, 0.3771, 0.3215 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(207, 142, 148) }
```

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

```
.border{ border-color:rgb(207, 142, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 142, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 142, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 142, 148);  
box-shadow:4px 4px 4px 4px rgb(207, 142,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7495, 0.3771, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 142, 148) }
```

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

```
.background{ background-color: rgb(207,  
142, 148) }
```

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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