

Converting Colors

$Yxy(35.4798, 0.3909, 0.3196)$

Have a look what the booklet for
Yxy(35.4798, 0.3909, 0.3196)
contains.

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Color

Yxy(35.4772, 0.3909, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	DA8B93
RGB	218, 139, 147
RGB Percent	85%, 55%, 58%
CMY	0.1452, 0.4548, 0.4236
CMYK	0.00, 0.36, 0.33, 0.15
HSL	354°, 52%, 70%
HSV	354°, 36%, 85%
XYZ	43.4054, 35.4772, 32.1571
YIQ	163.5330, 44.5160, 19.2360

Conversions

Conversions Part 2

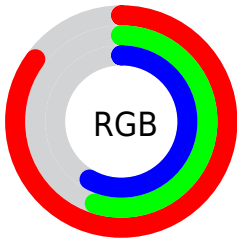
Format	Color
R _Y B	218, 139, 147
Decimal	14322579
CIE Lab	66.12, 31.08, 8.39
CIE LCh	66, 32.194, 15.114
Yxy	35.4772, 0.3909, 0.3195
Android (android.graphics.Color)	4292512659 (0xFFDA8B93)
YUV	163.5330, -8.1508, 47.7676
Hunter-Lab	59.5627, 25.8444, 9.6841

Details

The Yxy color **35.4772, 0.3909, 0.3195** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.2733, 0.2664, 0.3391**, and the grayscale version is **36.9154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6170, 0.3573, 0.3209**, and **15.4196, 0.4154, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **29.2186, 0.4248, 0.3171**, and if you desaturate by 10%, it is **43.1025, 0.3630, 0.3222**.

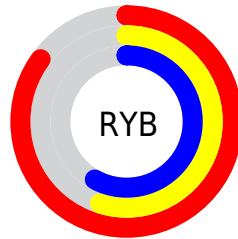
Distribution



Red (85%)

Green (55%)

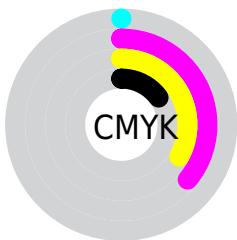
Blue (58%)



Red (85%)

Yellow (55%)

Blue (58%)

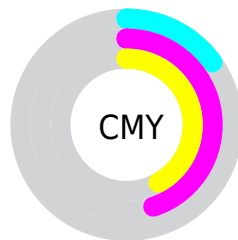


Cyan (0%)

Magenta (36%)

Yellow (33%)

Black (15%)



Cyan (15%)


Magenta (45%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4772, 0.3909, 0.3195 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 35.4772, 0.3909, 0.3195 by changing the saturation by 10% instead.

 35.4772, 0.3909,
0.3195


 35.4772, 0.3909,
0.3195


326.6697, 0.3497,
0.3253

 24.0307, 0.4019,
0.3177


 68.2244, 0.3754,
0.3219

 15.3564, 0.4163,
0.3151


 90.2938, 0.3698,
0.3227

 9.0699, 0.4363,
0.3112


 116.6731, 0.3650,
0.3233

 4.7868, 0.4655,
0.3049

147.7465, 0.3610,
0.3239

 2.1227, 0.5118,
0.2933

183.8984, 0.3576,
0.3243

 0.6774, 0.6498,
0.2865

225.5134, 0.3546,

 0.0000, 1.0000,

0.3247

0.0000

272.9756, 0.3520,
0.3250

0.0000, 0.0000,
0.0000

35.4772, 0.3909,
0.3195

35.4772, 0.3909,
0.3195

29.2186, 0.4248,
0.3171

43.1025, 0.3630,
0.3222

24.2410, 0.4647,
0.3152

52.1631, 0.3403,
0.3249

20.4572, 0.5089,
0.3146

62.7295, 0.3222,
0.3275

17.7669, 0.5539,
0.3156

74.8658, 0.3076,
0.3299

16.0533, 0.5937,
0.3185

88.6325, 0.2958,
0.3321

■ 15.1707, 0.6222,
0.3230

■ 93.6413, 0.2906,
0.3289

■ 14.9591, 0.6298,
0.3243

Harmonies

Analogous

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



35.4772, 0.3482, 0.2845



35.4772, 0.3909, 0.3195



35.4772, 0.4108, 0.3586

Triad

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



35.4772, 0.3909, 0.3195



35.4772, 0.3213, 0.4128



35.4772, 0.2293, 0.2590

Complementary

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



35.4772, 0.3909, 0.3195



60.2733, 0.2664, 0.3391

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.



35.4772, 0.2236, 0.2871



35.4772, 0.3909, 0.3195



35.4772, 0.2742, 0.3802

Square

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



35.4772, 0.3909, 0.3195



35.4772, 0.3682, 0.4163



35.4772, 0.2392, 0.3316



35.4772, 0.2553, 0.2503

Rectangle

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



35.4772, 0.3909, 0.3195



35.4772, 0.4079, 0.3834



35.4772, 0.2392, 0.3316



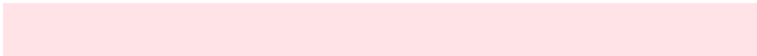
35.4772, 0.2251, 0.2662

Sweetspot

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



35.4789, 0.3909, 0.3195



81.8716, 0.3305, 0.3262



37.0527, 0.3082, 0.2374



17.0862, 0.3330, 0.3259



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.



35.4789, 0.3909, 0.3195



44.0321, 0.4146, 0.3177



45.2486, 0.3865, 0.3658



13.0728, 0.3276, 0.3267



8.9719, 0.6277, 0.3232



0.5887, 0.5970, 0.3062

Inverse Universe

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



35.4789, 0.3909, 0.3195



44.0321, 0.4146, 0.3177



46.3933, 0.2565, 0.2887



13.0728, 0.3276, 0.3267



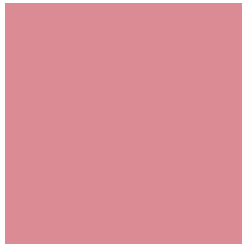
8.9719, 0.6277, 0.3232



0.5887, 0.5970, 0.3062

Previews

White Background



This preview shows how the Yxy color 35.4772, 0.3909, 0.3195 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 35.4772, 0.3909, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

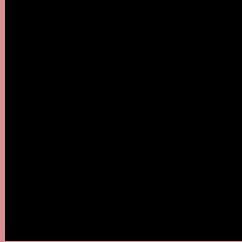
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4772, 0.3909, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 35.4772, 0.3909, 0.3195.



This preview shows how white text looks on a background with the Yxy color 35.4772, 0.3909, 0.3195.

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

35.4772, 0.3909, 0.3195

Protanopia

35.5373, 0.3175, 0.3305

Deuteranopia

35.5236, 0.3518, 0.3444



Tritanopia

35.5406, 0.3886, 0.3170

Trichromacy



Original Color

35.4772, 0.3909, 0.3195

Protanomaly

35.0134, 0.3426, 0.3250

Deuteranomaly

35.2750, 0.3662, 0.3345

Tritanomaly

35.5088, 0.3898, 0.3182

Monochromacy



Original Color

35.4772, 0.3909, 0.3195

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.1017, 0.3390, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4772, 0.3909, 0.3195 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(218, 139, 147)` looks like.

```
.text, #text, p{  
    color:rgb(218, 139, 147)  
}
```

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(218, 139, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 139, 147) }
```

Border

The CSS property to change the border of an element to Yxy 35.4772, 0.3909, 0.3195 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(218, 139, 147) }
```

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

```
.border{ border-color:rgb(218, 139, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 139, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 139, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 139, 147);  
box-shadow:4px 4px 4px 4px rgb(218, 139,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4772, 0.3909, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 139, 147) }
```

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

```
.background{ background-color: rgb(218,  
139, 147) }
```

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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