

Converting Colors

$Yxy(35.4272, 0.4004, 0.3199)$

Have a look what the booklet for
Yxy(35.4272, 0.4004, 0.3199)
contains.

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Color

Yxy(35.3099, 0.4008, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	DF8890
RGB	223, 136, 144
RGB Percent	87%, 53%, 56%
CMY	0.1255, 0.4666, 0.4353
CMYK	0.00, 0.39, 0.35, 0.13
HSL	354°, 58%, 70%
HSV	354°, 39%, 87%
XYZ	44.2672, 35.3099, 30.8699
YIQ	162.9250, 49.2840, 20.9320

Conversions

Conversions Part 2

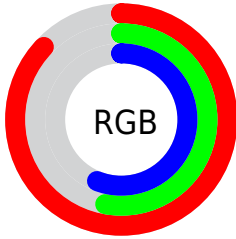
Format	Color
R _Y B	223, 136, 144
Decimal	14649488
CIE Lab	65.99, 34.17, 9.97
CIE LCh	66, 35.595, 16.271
Yxy	35.3099, 0.4008, 0.3197
Android (android.graphics.Color)	4292839568 (0xFFDF8890)
YUV	162.9250, -9.3300, 52.6858
Hunter-Lab	59.4221, 28.9867, 10.7942

Details

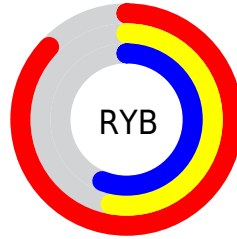
The Yxy color **35.3099, 0.4008, 0.3197** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.9102, 0.2630, 0.3390**, and the grayscale version is **36.6175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1641, 0.3605, 0.3208**, and **15.1481, 0.4289, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **29.1052, 0.4369, 0.3176**, and if you desaturate by 10%, it is **42.9356, 0.3709, 0.3221**.

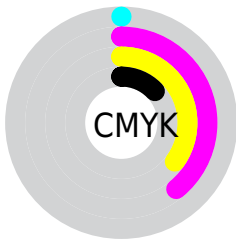
Distribution



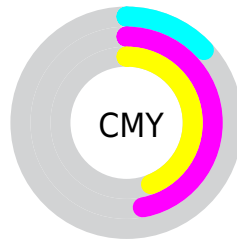
- Red (87%)
- Green (53%)
- Blue (56%)



- Red (87%)
- Yellow (53%)
- Blue (56%)



- Cyan (0%)
- Magenta (39%)
- Yellow (35%)
- Black (13%)





- Cyan (13%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3099, 0.4008, 0.3197 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 35.3099, 0.4008, 0.3197 by changing the saturation by 10% instead.


 35.3099, 0.4008,
0.3197


 35.3099, 0.4008,
0.3197


325.9341, 0.3543,
0.3257


 23.9017, 0.4132,
0.3177


 67.9656, 0.3833,
0.3222

 15.2607, 0.4295,
0.3149


 89.9818, 0.3770,
0.3230

 9.0026, 0.4519,
0.3106


 116.3029, 0.3716,
0.3237

 4.7429, 0.4846,
0.3035

147.3132, 0.3671,
0.3242

 2.0972, 0.5360,
0.2903

183.3970, 0.3632,
0.3247

 0.6630, 0.7033,
0.2860

224.9389, 0.3599,

 0.0000, 1.0000,

0.3251

0.0000

272.3231, 0.3569,
0.3254

0.0000, 0.0000,
0.0000

35.3099, 0.4008,
0.3197

35.3099, 0.4008,
0.3197

29.1052, 0.4369,
0.3176

42.9356, 0.3709,
0.3221

24.2288, 0.4787,
0.3162

52.0573, 0.3465,
0.3246

20.5851, 0.5241,
0.3161

62.7507, 0.3270,
0.3270

18.0635, 0.5684,
0.3175

75.0851, 0.3113,
0.3292

16.5336, 0.6053,
0.3208

89.1257, 0.2987,
0.3313

■ 15.7942, 0.6294,
0.3249

■ 94.4261, 0.2935,
0.3289

■ 15.7383, 0.6313,
0.3251

Harmonies

Analogous

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



35.3099, 0.3539, 0.2814



35.3099, 0.4008, 0.3197



35.3099, 0.4215, 0.3624

Triad

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



35.3099, 0.4008, 0.3197



35.3099, 0.3195, 0.4217



35.3099, 0.2219, 0.2511

Complementary

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



35.3099, 0.4008, 0.3197



62.9102, 0.2630, 0.3390

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.



35.3099, 0.2148, 0.2806



35.3099, 0.4008, 0.3197



35.3099, 0.2681, 0.3842

Square

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



35.3099, 0.4008, 0.3197



35.3099, 0.3716, 0.4261



35.3099, 0.2307, 0.3293



35.3099, 0.2509, 0.2428

Rectangle

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



35.3099, 0.4008, 0.3197



35.3099, 0.4172, 0.3896



35.3099, 0.2307, 0.3293



35.3099, 0.2170, 0.2585

Sweetspot

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



35.3116, 0.4008, 0.3197



80.3444, 0.3326, 0.3263



37.2787, 0.3091, 0.2307



16.7811, 0.3351, 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.



35.3116, 0.4008, 0.3197



40.7103, 0.4305, 0.3179



46.5152, 0.3933, 0.3704



13.7209, 0.3278, 0.3269



9.2622, 0.6292, 0.3240



0.6491, 0.6021, 0.3091

Inverse Universe

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



35.3116, 0.4008, 0.3197



40.7103, 0.4305, 0.3179



46.6133, 0.2519, 0.2830



13.7209, 0.3278, 0.3269



9.2622, 0.6292, 0.3240



0.6491, 0.6021, 0.3091

Previews

White Background



This preview shows how the Yxy color 35.3099, 0.4008, 0.3197 looks on a white background.

Color Contrast Check

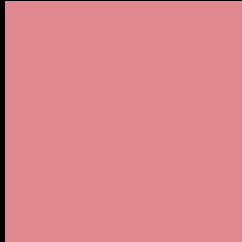
Large Text (above 18pt) WCAG AA × Fail

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 35.3099, 0.4008, 0.3197 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 35.3099, 0.4008, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 35.3099, 0.4008, 0.3197.



This preview shows how white text looks on a background with the Yxy color 35.3099, 0.4008, 0.3197.

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

35.3099, 0.4008, 0.3197

Protanopia

35.5753, 0.3202, 0.3334

Deuteranopia

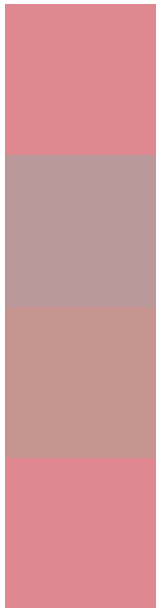
35.5561, 0.3558, 0.3486



Tritanopia

35.3716, 0.3985, 0.3173

Trichromacy



Original Color

35.3099, 0.4008, 0.3197

Protanomaly

34.8393, 0.3479, 0.3277

Deuteranomaly

35.1386, 0.3719, 0.3371

Tritanomaly

35.3406, 0.3997, 0.3185

Monochromacy



Original Color

35.3099, 0.4008, 0.3197

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.4971, 0.3424, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3099, 0.4008, 0.3197 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(223, 136, 144)` looks like.

```
.text, #text, p{  
    color:rgb(223, 136, 144)  
}
```

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(223, 136, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 136, 144) }
```

Border

The CSS property to change the border of an element to Yxy 35.3099, 0.4008, 0.3197 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(223, 136, 144) }
```

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

```
.border{ border-color:rgb(223, 136, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 136, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 136, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 136, 144);  
box-shadow:4px 4px 4px 4px rgb(223, 136,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3099, 0.4008, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 136, 144) }
```

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

```
.background{ background-color: rgb(223,  
136, 144) }
```

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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