

Converting Colors

$Y_{xy}(34.0255, 0.4096, 0.3221)$

Have a look what the booklet for
Yxy(34.0255, 0.4096, 0.3221)
contains.

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Color

Yxy(34.0255, 0.4096, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	DF848A
RGB	223, 132, 138
RGB Percent	87%, 52%, 54%
CMY	0.1255, 0.4823, 0.4587
CMYK	0.00, 0.41, 0.38, 0.13
HSL	356°, 59%, 70%
HSV	356°, 41%, 87%
XYZ	43.2687, 34.0255, 28.3423
YIQ	159.8930, 52.3100, 21.1580

Conversions

Conversions Part 2

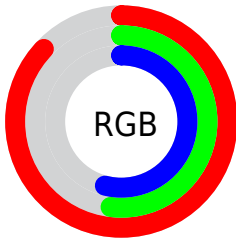
Format	Color
RYB	223, 132, 138
Decimal	14648458
CIELab	64.98, 35.57, 11.93
CIELCh	65, 37.517, 18.535
Yxy	34.0255, 0.4096, 0.3221
Android (android.graphics.Color)	4292838538 (0xFFDF848A)
YUV	159.8930, -10.7932, 55.3448
Hunter-Lab	58.3314, 30.3267, 12.0239

Details

The Yxy color **34.0255, 0.4096, 0.3221** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.6828, 0.2599, 0.3365**, and the grayscale version is **35.1366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1394, 0.3674, 0.3239**, and **14.5888, 0.4416, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **28.0649, 0.4479, 0.3207**, and if you desaturate by 10%, it is **41.3975, 0.3776, 0.3238**.

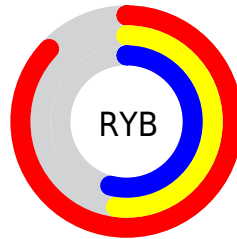
Distribution



Red (87%)

Green (52%)

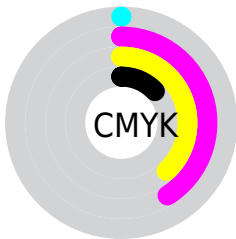
Blue (54%)



Red (87%)

Yellow (52%)

Blue (54%)

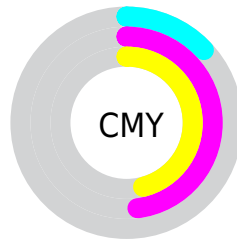


Cyan (0%)

Magenta (41%)

Yellow (38%)

Black (13%)



Cyan (13%)


Magenta (48%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0255, 0.4096, 0.3221 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 34.0255, 0.4096, 0.3221 by changing the saturation by 10% instead.


 34.0255, 0.4096,
0.3221

 34.0255, 0.4096,
0.3221


320.2457, 0.3582,
0.3271


 22.9132, 0.4234,
0.3203


 65.9733, 0.3902,
0.3243

 14.5294, 0.4416,
0.3175


 87.5776, 0.3831,
0.3251

 8.4898, 0.4668,
0.3131


 113.4480, 0.3772,
0.3256

 4.4099, 0.5035,
0.3055

143.9690, 0.3723,
0.3261

 1.9054, 0.5610,
0.2907

179.5248, 0.3680,
0.3264

 0.5516, 0.7339,
0.2661

220.5000, 0.3643,

 0.0000, 1.0000,

0.3267

0.0000

267.2788, 0.3610,
0.3269

0.0000, 0.0000,
0.0000

34.0255, 0.4096,
0.3221

34.0255, 0.4096,
0.3221

28.0649, 0.4479,
0.3207

41.3975, 0.3776,
0.3238

23.4210, 0.4918,
0.3200

50.2577, 0.3516,
0.3255

19.9953, 0.5382,
0.3202


60.6835, 0.3307,
0.3273


17.6736, 0.5818,
0.3216

72.7452, 0.3139,
0.3289

16.3196, 0.6156,
0.3243

86.5090, 0.3005,
0.3304

 15.7196, 0.6343,
0.3268

 94.4259, 0.2935,
0.3289

Harmonies

Analogous

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



34.0255, 0.3609, 0.2812



34.0255, 0.4096, 0.3221



34.0255, 0.4290, 0.3673

Triad

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



34.0255, 0.4096, 0.3221



34.0255, 0.3152, 0.4267



34.0255, 0.2180, 0.2447

Complementary

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



34.0255, 0.4096, 0.3221



62.6828, 0.2599, 0.3365

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.



34.0255, 0.2087, 0.2740



34.0255, 0.4096, 0.3221



34.0255, 0.2614, 0.3840

Square

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



34.0255, 0.4096, 0.3221



34.0255, 0.3712, 0.4335



34.0255, 0.2235, 0.3246



34.0255, 0.2502, 0.2380

Rectangle

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



34.0255, 0.4096, 0.3221



34.0255, 0.4224, 0.3958



34.0255, 0.2235, 0.3246



34.0255, 0.2123, 0.2519

Sweetspot

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



34.0272, 0.4096, 0.3221



80.3009, 0.3331, 0.3270



36.5722, 0.3117, 0.2272



16.7710, 0.3357, 0.3268



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.



34.0272, 0.4096, 0.3221



39.0827, 0.4421, 0.3209



46.6421, 0.3967, 0.3758



13.7152, 0.3282, 0.3275



9.2499, 0.6327, 0.3259



0.6464, 0.6122, 0.3146

Inverse Universe

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



34.0272, 0.4096, 0.3221



39.0827, 0.4421, 0.3209



44.3335, 0.2485, 0.2763



13.7152, 0.3282, 0.3275



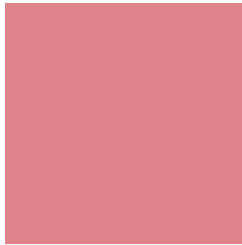
9.2499, 0.6327, 0.3259



0.6464, 0.6122, 0.3146

Previews

White Background



This preview shows how the Yxy color 34.0255, 0.4096, 0.3221 looks on a white background.

Color Contrast Check

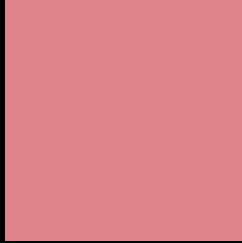
Large Text (above 18pt) WCAG AA × Fail

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 34.0255, 0.4096, 0.3221 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 34.0255, 0.4096, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 34.0255, 0.4096, 0.3221.



This preview shows how white text looks on a background with the Yxy color 34.0255, 0.4096, 0.3221.

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

34.0255, 0.4096, 0.3221

Protanopia

34.1348, 0.3242, 0.3379

Deuteranopia

34.1228, 0.3618, 0.3545



Tritanopia

34.1136, 0.4061, 0.3185

Trichromacy



Original Color

34.0255, 0.4096, 0.3221

Protanomaly

33.5694, 0.3538, 0.3319

Deuteranomaly

33.8704, 0.3795, 0.3426

Tritanomaly

34.0840, 0.4073, 0.3197

Monochromacy



Original Color

34.0255, 0.4096, 0.3221

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.1470, 0.3450, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0255, 0.4096, 0.3221 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, 132, 138)` looks like.

```
.text, #text, p{  
    color:rgb(223, 132, 138)  
}
```

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, 132, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 132, 138) }
```

Border

The CSS property to change the border of an element to Yxy 34.0255, 0.4096, 0.3221 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, 132, 138) }
```

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

```
.border{ border-color:rgb(223, 132, 138) }
```

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

Here you see how a box with a 4 pixel rgb(223, 132, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 132, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 132, 138);  
box-shadow:4px 4px 4px 4px rgb(223, 132,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0255, 0.4096, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 132, 138) }
```

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

```
.background{ background-color: rgb(223,  
132, 138) }
```

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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