

Converting Colors

$Y_{xy}(32.5919, 0.4101, 0.3244)$

Have a look what the booklet for
Yxy(32.5919, 0.4101, 0.3244)
contains.

Yxy(32.5919, 0.4101, 0.3244)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.5919, 0.4101, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	DA8286
RGB	218, 130, 134
RGB Percent	85%, 51%, 53%
CMY	0.1450, 0.4902, 0.4745
CMYK	0.00, 0.40, 0.39, 0.15
HSL	357°, 54%, 68%
HSV	357°, 40%, 85%
XYZ	41.2020, 32.5919, 26.6743
YIQ	156.7680, 51.1640, 19.9000

Conversions

Conversions Part 2

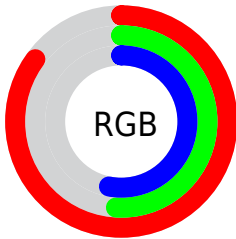
Format	Color
RYB	218, 130, 134
Decimal	14320262
CIELab	63.83, 34.32, 12.49
CIELCh	64, 36.523, 20.002
Yxy	32.5919, 0.4101, 0.3244
Android (android.graphics.Color)	4292510342 (0xFFDA8286)
YUV	156.7680, -11.2246, 53.7005
Hunter-Lab	57.0893, 28.9192, 12.2600

Details

The Yxy color **32.5919, 0.4101, 0.3244** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.7504, 0.2595, 0.3340**, and the grayscale version is **33.6422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.1288, 0.3714, 0.3260**, and **13.7214, 0.4413, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **26.8707, 0.4490, 0.3235**, and if you desaturate by 10%, it is **39.6591, 0.3777, 0.3255**.

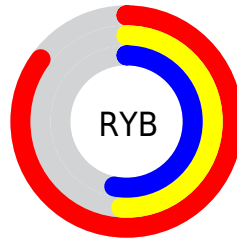
Distribution



Red (85%)

Green (51%)

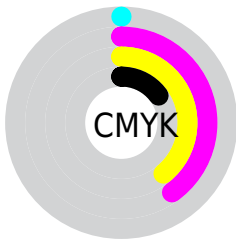
Blue (53%)



Red (85%)

Yellow (51%)

Blue (53%)

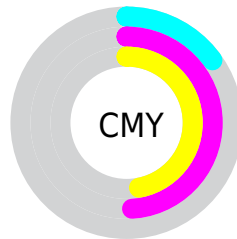


Cyan (0%)

Magenta (40%)

Yellow (39%)

Black (15%)



Cyan (15%)


Magenta (49%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5919, 0.4101, 0.3244 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 32.5919, 0.4101, 0.3244 by changing the saturation by 10% instead.

 32.5919, 0.4101,
0.3244


 32.5919, 0.4101,
0.3244


313.8068, 0.3580,
0.3283


 21.8140, 0.4242,
0.3228


 63.7379, 0.3904,
0.3263

 13.7203, 0.4429,
0.3203


 84.8747, 0.3832,
0.3268

 7.9264, 0.4689,
0.3162


 110.2333, 0.3772,
0.3272

 4.0479, 0.5071,
0.3088

140.1981, 0.3722,
0.3276

 1.7004, 0.5686,
0.2942

175.1534, 0.3679,
0.3278

 0.4239, 0.7551,
0.2449

215.4837, 0.3642,

 0.0000, 1.0000,

0.3280

0.0000

261.5734, 0.3609,
0.3282

■ 0.0000, 0.0000,
0.0000

■ 32.5919, 0.4101,
0.3244

■ 32.5919, 0.4101,
0.3244

■ 26.8707, 0.4490,
0.3235

■ 39.6591, 0.3777,
0.3255

■ 22.4058, 0.4934,
0.3230

■ 48.1451, 0.3513,
0.3267

■ 19.1039, 0.5404,
0.3232


■ 58.1232, 0.3302,
0.3279

■ 16.8571, 0.5842,
0.3243

■ 69.6603, 0.3133,
0.3290

■ 15.5369, 0.6177,
0.3262

■ 82.8190, 0.2997,
0.3300

 14.9291, 0.6362,
0.3278

 93.6473, 0.2906,
0.3289

Harmonies

Analogous

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



32.5919, 0.3631, 0.2835



32.5919, 0.4101, 0.3244



32.5919, 0.4276, 0.3691

Triad

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



32.5919, 0.4101, 0.3244



32.5919, 0.3125, 0.4240



32.5919, 0.2201, 0.2449

Complementary

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



32.5919, 0.4101, 0.3244



59.7504, 0.2595, 0.3340

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.



32.5919, 0.2097, 0.2728



32.5919, 0.4101, 0.3244



32.5919, 0.2597, 0.3806

Square

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



32.5919, 0.4101, 0.3244



32.5919, 0.3681, 0.4327



32.5919, 0.2232, 0.3219



32.5919, 0.2530, 0.2392

Rectangle

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



32.5919, 0.4101, 0.3244



32.5919, 0.4200, 0.3971



32.5919, 0.2232, 0.3219



32.5919, 0.2141, 0.2516

Sweetspot

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



32.5935, 0.4101, 0.3244



80.2662, 0.3335, 0.3277



35.2653, 0.3131, 0.2288



16.7629, 0.3362, 0.3275



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.



32.5935, 0.4101, 0.3244



39.7656, 0.4409, 0.3236



45.1205, 0.3947, 0.3769



13.0611, 0.3285, 0.3280



8.9472, 0.6349, 0.3271



0.5831, 0.6196, 0.3187

Inverse Universe

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



32.5935, 0.4101, 0.3244



39.7656, 0.4409, 0.3236



41.8110, 0.2490, 0.2749



13.0611, 0.3285, 0.3280



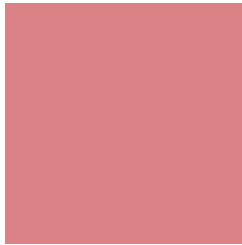
8.9472, 0.6349, 0.3271



0.5831, 0.6196, 0.3187

Previews

White Background



This preview shows how the Yxy color 32.5919, 0.4101, 0.3244 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 32.5919, 0.4101, 0.3244 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 32.5919, 0.4101, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 32.5919, 0.4101, 0.3244.



This preview shows how white text looks on a background with the Yxy color 32.5919, 0.4101, 0.3244.

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

32.5919, 0.4101, 0.3244

Protanopia

32.6914, 0.3253, 0.3396

Deuteranopia

32.7173, 0.3627, 0.3549



Tritanopia

32.4700, 0.4045, 0.3171

Trichromacy



Original Color

32.5919, 0.4101, 0.3244

Protanomaly

32.0275, 0.3546, 0.3334

Deuteranomaly

32.3494, 0.3797, 0.3428

Tritanomaly

32.4121, 0.4069, 0.3195

Monochromacy



Original Color

32.5919, 0.4101, 0.3244

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.6211, 0.3445, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5919, 0.4101, 0.3244 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, 130, 134)` looks like.

```
.text, #text, p{  
    color:rgb(218, 130, 134)  
}
```

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, 130, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 130, 134) }
```

Border

The CSS property to change the border of an element to Yxy 32.5919, 0.4101, 0.3244 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, 130, 134) }
```

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

```
.border{ border-color:rgb(218, 130, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 130, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 130, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 130, 134);  
box-shadow:4px 4px 4px 4px rgb(218, 130,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5919, 0.4101, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 130, 134) }
```

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

```
.background{ background-color: rgb(218,  
130, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor