

Converting Colors

$Y_{xy}(32.3574, 0.4117, 0.3334)$

Have a look what the booklet for
Yxy(32.3574, 0.4117, 0.3334)
contains.

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Color

Yxy(32.3836, 0.4108, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	D68481
RGB	214, 132, 129
RGB Percent	84%, 52%, 51%
CMY	0.1607, 0.4824, 0.4941
CMYK	0.00, 0.38, 0.40, 0.16
HSL	2°, 51%, 67%
HSV	2°, 40%, 84%
XYZ	39.9495, 32.3836, 24.9149
YIQ	156.1760, 49.8350, 16.4510

Conversions

Conversions Part 2

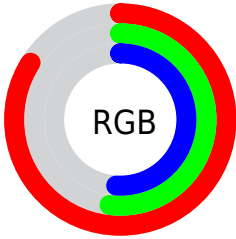
Format	Color
R _Y B	214, 132, 129
Decimal	14058625
CIE Lab	63.66, 31.18, 15.01
CIE LCh	64, 34.607, 25.711
Yxy	32.3836, 0.4108, 0.3330
Android (android.graphics.Color)	4292248705 (0xFFD68481)
YUV	156.1760, -13.3978, 50.7116
Hunter-Lab	56.9066, 25.7238, 13.8762

Details

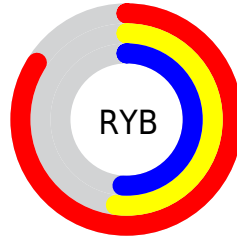
The Yxy color **32.3836, 0.4108, 0.3330** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.1258, 0.2576, 0.3249**, and the grayscale version is **33.3734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7552, 0.3751, 0.3334**, and **13.6321, 0.4442, 0.3310** is the 20% darker color. If you saturate the color by 10%, you get **26.8178, 0.4501, 0.3339**, and if you desaturate by 10%, it is **39.1801, 0.3780, 0.3320**.

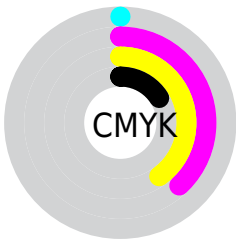
Distribution



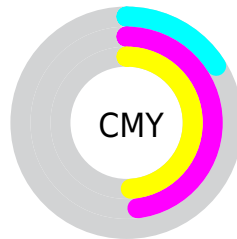
- Red (84%)
- Green (52%)
- Blue (51%)



- Red (84%)
- Yellow (52%)
- Blue (51%)



- Cyan (0%)
- Magenta (38%)
- Yellow (40%)
- Black (16%)





- Cyan (16%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.3836, 0.4108, 0.3330 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 32.3836, 0.4108, 0.3330 by changing the saturation by 10% instead.


 32.3836, 0.4108,
0.3330


 32.3836, 0.4108,
0.3330


312.8630, 0.3583,
0.3326


 21.6547, 0.4250,
0.3325


 63.4120, 0.3909,
0.3333

 13.6034, 0.4439,
0.3313


 84.4802, 0.3837,
0.3333

 7.8453, 0.4702,
0.3290


 109.7636, 0.3776,
0.3332

 3.9961, 0.5087,
0.3238

139.6467, 0.3726,
0.3331

 1.6714, 0.5741,
0.3138

174.5138, 0.3682,
0.3329

 0.4050, 0.7452,
0.2548

214.7492, 0.3645,

 0.0000, 1.0000,

0.3328

0.0000

260.7375, 0.3612,
0.3327

0.0000, 0.0000,
0.0000

32.3836, 0.4108,
0.3330

32.3836, 0.4108,
0.3330

26.8178, 0.4501,
0.3339

39.1801, 0.3780,
0.3320

22.4046, 0.4949,
0.3346

47.2697, 0.3512,
0.3309

19.0646, 0.5421,
0.3347

56.7162, 0.3296,
0.3299

16.7065, 0.5858,
0.3341

67.5779, 0.3123,
0.3290

15.2234, 0.6190,
0.3328

79.9098, 0.2983,
0.3281

■ 14.4761, 0.6375,
0.3316

■ 93.0390, 0.2883,
0.3289

■ 14.4624, 0.6379,
0.3317

Harmonies

Analogous

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



32.3836, 0.3706, 0.2925



32.3836, 0.4108, 0.3330



32.3836, 0.4213, 0.3756

Triad

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



32.3836, 0.4108, 0.3330



32.3836, 0.3026, 0.4132



32.3836, 0.2287, 0.2462

Complementary

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



32.3836, 0.4108, 0.3330



56.1258, 0.2576, 0.3249

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.



32.3836, 0.2145, 0.2690



32.3836, 0.4108, 0.3330



32.3836, 0.2543, 0.3676

Square

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



32.3836, 0.4108, 0.3330



32.3836, 0.3561, 0.4284



32.3836, 0.2232, 0.3124



32.3836, 0.2641, 0.2444

Rectangle

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



32.3836, 0.4108, 0.3330



32.3836, 0.4104, 0.4011



32.3836, 0.2232, 0.3124



32.3836, 0.2215, 0.2514

Sweetspot

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



32.3852, 0.4108, 0.3330



80.7720, 0.3344, 0.3301



34.7129, 0.3200, 0.2345



16.8806, 0.3371, 0.3303



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.



32.3852, 0.4108, 0.3330



40.8071, 0.4448, 0.3338



46.2897, 0.3895, 0.3844



12.4901, 0.3290, 0.3299



8.7716, 0.6373, 0.3322



0.5543, 0.6286, 0.3391

Inverse Universe

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



56.1258, 0.2576, 0.3249



80.9772, 0.2482, 0.3239



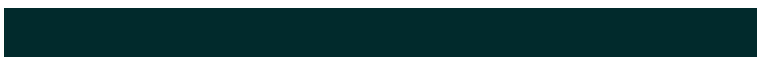
37.7795, 0.2485, 0.2657



14.0294, 0.2983, 0.3281



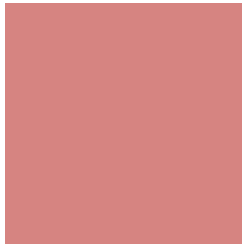
29.7868, 0.2217, 0.3180



1.8205, 0.2222, 0.3200

Previews

White Background



This preview shows how the Yxy color 32.3836, 0.4108, 0.3330 looks on a white background.

Color Contrast Check

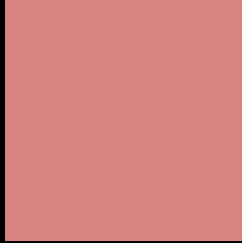
Large Text (above 18pt) WCAG AA × Fail

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 32.3836, 0.4108, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

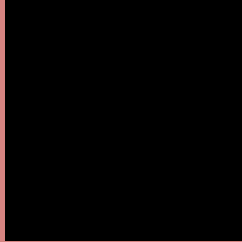
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3836, 0.4108, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 32.3836, 0.4108, 0.3330.



This preview shows how white text looks on a background with the Yxy color 32.3836, 0.4108, 0.3330.

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

32.3836, 0.4108, 0.3330

Protanopia

32.5817, 0.3331, 0.3502

Deuteranopia

32.5850, 0.3679, 0.3622



Tritanopia

32.3058, 0.3996, 0.3169

Trichromacy



Original Color

32.3836, 0.4108, 0.3330

Protanomaly

32.0386, 0.3596, 0.3434

Deuteranomaly

32.3837, 0.3837, 0.3511

Tritanomaly

32.4572, 0.4040, 0.3231

Monochromacy



Original Color

32.3836, 0.4108, 0.3330

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.2899, 0.3455, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3836, 0.4108, 0.3330 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(214, 132, 129)` looks like.

```
.text, #text, p{  
    color:rgb(214, 132, 129)  
}
```

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(214, 132, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 132, 129) }
```

Border

The CSS property to change the border of an element to Yxy 32.3836, 0.4108, 0.3330 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(214, 132, 129) }
```

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

```
.border{ border-color:rgb(214, 132, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 132, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 132, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 132, 129);  
box-shadow:4px 4px 4px 4px rgb(214, 132,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3836, 0.4108, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 132, 129) }
```

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

```
.background{ background-color: rgb(214,  
132, 129) }
```

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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