

Converting Colors

$Y_{xy}(32.0347, 0.4125, 0.3294)$

Have a look what the booklet for
Yxy(32.0347, 0.4125, 0.3294)
contains.

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Color

Yxy(32.0240, 0.4117, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	D78282
RGB	215, 130, 130
RGB Percent	84%, 51%, 51%
CMY	0.1568, 0.4902, 0.4902
CMYK	0.00, 0.40, 0.40, 0.16
HSL	0°, 52%, 68%
HSV	0°, 40%, 84%
XYZ	40.0373, 32.0240, 25.1874
YIQ	155.4150, 50.6600, 18.0200

Conversions

Conversions Part 2

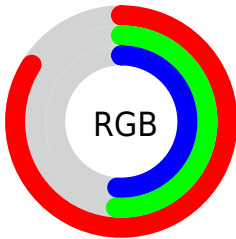
Format	Color
R _Y B	215, 130, 130
Decimal	14123650
CIE Lab	63.36, 32.73, 14.06
CIE LCh	63, 35.622, 23.245
Yxy	32.0240, 0.4117, 0.3293
Android (android.graphics.Color)	4292313730 (0xFFD78282)
YUV	155.4150, -12.5296, 52.2560
Hunter-Lab	56.5898, 27.2568, 13.2236

Details

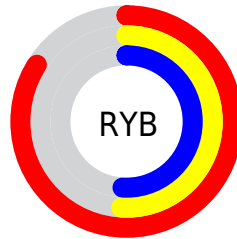
The Yxy color **32.0240, 0.4117, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.2515, 0.2584, 0.3288**, and the grayscale version is **33.0123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9599, 0.3749, 0.3302**, and **13.4551, 0.4456, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **26.3731, 0.4519, 0.3294**, and if you desaturate by 10%, it is **38.9934, 0.3782, 0.3292**.

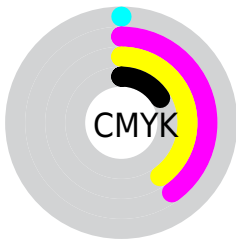
Distribution



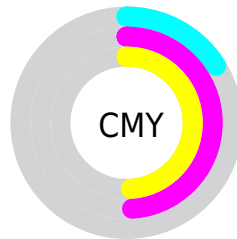
- Red (84%)
- Green (51%)
- Blue (51%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.0240, 0.4117, 0.3293 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 32.0240, 0.4117, 0.3293 by changing the saturation by 10% instead.


 32.0240, 0.4117,
0.3293


 32.0240, 0.4117,
0.3293


311.2286, 0.3586,
0.3308

 21.3798, 0.4261,
0.3283


 62.8487, 0.3915,
0.3303

 13.4019, 0.4453,
0.3265


 83.7980, 0.3842,
0.3305

 7.7059, 0.4720,
0.3233


 108.9512, 0.3782,
0.3307

 3.9073, 0.5112,
0.3168

138.6926, 0.3730,
0.3307

 1.6219, 0.5774,
0.3047

173.4067, 0.3686,
0.3308

 0.3723, 0.7621,
0.2379

213.4778, 0.3648,

 0.0000, 1.0000,


0.3308


0.0000


259.2903, 0.3615,
0.3308


 0.0000, 0.0000,
0.0000


 32.0240, 0.4117,
0.3293


 32.0240, 0.4117,
0.3293


 26.3731, 0.4519,
0.3294


 38.9934, 0.3782,
0.3292


 21.9535, 0.4977,
0.3296


 47.3519, 0.3511,
0.3291


 18.6746, 0.5458,
0.3297

 57.1709, 0.3293,
0.3291

 16.4319, 0.5898,
0.3298

 68.5154, 0.3120,
0.3290

 15.1015, 0.6220,
0.3299

 81.4465, 0.2981,
0.3290

■ 14.4723, 0.6394,
0.3300

■ 93.1881, 0.2889,
0.3289

■ 14.4486, 0.6401,
0.3300

Harmonies

Analogous

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



32.0240, 0.3681, 0.2883



32.0240, 0.4117, 0.3293



32.0240, 0.4253, 0.3732

Triad

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



32.0240, 0.4117, 0.3293



32.0240, 0.3066, 0.4189



32.0240, 0.2242, 0.2447

Complementary

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



32.0240, 0.4117, 0.3293



58.2515, 0.2584, 0.3288

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.



32.0240, 0.2115, 0.2698



32.0240, 0.4117, 0.3293



32.0240, 0.2559, 0.3736

Square

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



32.0240, 0.4117, 0.3293



32.0240, 0.3616, 0.4315



32.0240, 0.2222, 0.3162



32.0240, 0.2588, 0.2413

Rectangle

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



32.0240, 0.4117, 0.3293



32.0240, 0.4156, 0.4001



32.0240, 0.2222, 0.3162



32.0240, 0.2174, 0.2506

Sweetspot

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



32.0256, 0.4117, 0.3293



80.1919, 0.3345, 0.3291



35.3182, 0.3173, 0.2321



16.7456, 0.3372, 0.3291



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.



32.0256, 0.4117, 0.3293



40.3870, 0.4430, 0.3294



45.7554, 0.3904, 0.3809



12.4210, 0.3291, 0.3291



8.6415, 0.6401, 0.3300



0.5213, 0.6400, 0.3300

Inverse Universe

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



58.2515, 0.2584, 0.3288



83.8949, 0.2501, 0.3288



39.3477, 0.2494, 0.2702



14.1077, 0.2983, 0.3290



31.9966, 0.2246, 0.3287



1.9300, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 32.0240, 0.4117, 0.3293 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 32.0240, 0.4117, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

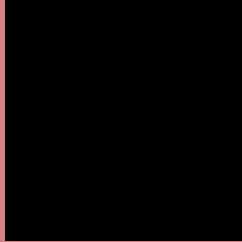
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0240, 0.4117, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 32.0240, 0.4117, 0.3293.



This preview shows how white text looks on a background with the Yxy color 32.0240, 0.4117, 0.3293.

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

32.0240, 0.4117, 0.3293

Protanopia

32.1064, 0.3292, 0.3458

Deuteranopia

32.1771, 0.3662, 0.3594



Tritanopia

32.1344, 0.4036, 0.3182

Trichromacy



Original Color

32.0240, 0.4117, 0.3293

Protanomaly

31.6695, 0.3567, 0.3392

Deuteranomaly

31.6846, 0.3824, 0.3471

Tritanomaly

32.0487, 0.4072, 0.3219

Monochromacy



Original Color

32.0240, 0.4117, 0.3293

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.9802, 0.3458, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0240, 0.4117, 0.3293 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(215, 130, 130)` looks like.

```
.text, #text, p{  
    color:rgb(215, 130, 130)  
}
```

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(215, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 130, 130) }
```

Border

The CSS property to change the border of an element to Yxy 32.0240, 0.4117, 0.3293 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(215, 130, 130) }
```

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

```
.border{ border-color:rgb(215, 130, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 130, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 130, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 130, 130);  
box-shadow:4px 4px 4px 4px rgb(215, 130,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0240, 0.4117, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 130, 130) }
```

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

```
.background{ background-color: rgb(215,  
130, 130) }
```

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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