

Converting Colors

$Y_{xy}(32.1735, 0.4095, 0.3232)$

Have a look what the booklet for
Yxy(32.1735, 0.4095, 0.3232)
contains.

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Color

Yxy(32.1735, 0.4095, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	D98186
RGB	217, 129, 134
RGB Percent	85%, 51%, 53%
CMY	0.1491, 0.4941, 0.4746
CMYK	0.00, 0.41, 0.38, 0.15
HSL	357°, 54%, 68%
HSV	357°, 41%, 85%
XYZ	40.7644, 32.1735, 26.6088
YIQ	155.8820, 50.8430, 20.2110

Conversions

Conversions Part 2

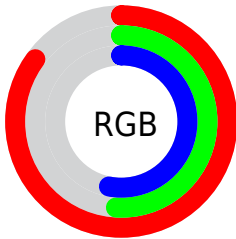
Format	Color
R _Y B	217, 129, 134
Decimal	14254470
CIE Lab	63.49, 34.45, 12.00
CIE LCh	63, 36.485, 19.209
Yxy	32.1735, 0.4095, 0.3232
Android (android.graphics.Color)	4292444550 (0xFFD98186)
YUV	155.8820, -10.7878, 53.6005
Hunter-Lab	56.7217, 29.0203, 11.8915

Details

The Yxy color **32.1735, 0.4095, 0.3232** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.0412, 0.2598, 0.3353**, and the grayscale version is **33.2233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7148, 0.3716, 0.3250**, and **13.4756, 0.4407, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **26.5351, 0.4480, 0.3220**, and if you desaturate by 10%, it is **39.1394, 0.3774, 0.3246**.

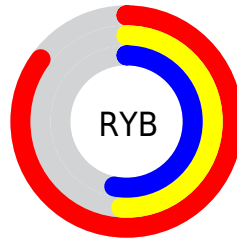
Distribution



Red (85%)

Green (51%)

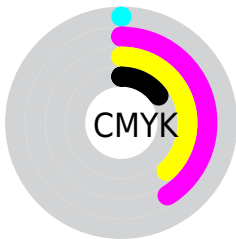
Blue (53%)



Red (85%)

Yellow (51%)

Blue (53%)

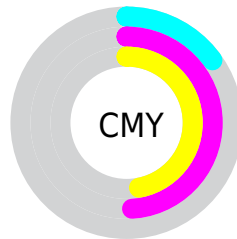


Cyan (0%)

Magenta (41%)

Yellow (38%)

Black (15%)



Cyan (15%)


Magenta (49%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1735, 0.4095, 0.3232 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 32.1735, 0.4095, 0.3232 by changing the saturation by 10% instead.


 32.1735, 0.4095,
0.3232


 32.1735, 0.4095,
0.3232


311.9088, 0.3577,
0.3277


 21.4941, 0.4236,
0.3215


 63.0830, 0.3898,
0.3253

 13.4856, 0.4423,
0.3188

 84.0818, 0.3827,
0.3259

 7.7638, 0.4683,
0.3144


 109.2892, 0.3768,
0.3264

 3.9442, 0.5067,
0.3067

139.0896, 0.3718,
0.3268

 1.6424, 0.5690,
0.2915

173.8674, 0.3675,
0.3271

 0.3859, 0.7660,
0.2340

214.0069, 0.3638,

 0.0000, 1.0000,

0.3273

0.0000

259.8926, 0.3605,
0.3275

0.0000, 0.0000,
0.0000

32.1735, 0.4095,
0.3232

32.1735, 0.4095,
0.3232

26.5351, 0.4480,
0.3220

39.1394, 0.3774,
0.3246

22.1354, 0.4920,
0.3214

47.5046, 0.3513,
0.3261

18.8826, 0.5387,
0.3216

57.3414, 0.3303,
0.3276

16.6700, 0.5824,
0.3229

68.7158, 0.3135,
0.3289

15.3707, 0.6162,
0.3252

81.6898, 0.3001,
0.3302

■ 14.7767, 0.6352,
0.3273

■ 93.4895, 0.2900,
0.3289

Harmonies

Analogous

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



32.1735, 0.3618, 0.2824



32.1735, 0.4095, 0.3232



32.1735, 0.4280, 0.3680

Triad

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



32.1735, 0.4095, 0.3232



32.1735, 0.3140, 0.4251



32.1735, 0.2193, 0.2451

Complementary

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



32.1735, 0.4095, 0.3232



59.0412, 0.2598, 0.3353

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.



32.1735, 0.2095, 0.2736



32.1735, 0.4095, 0.3232



32.1735, 0.2608, 0.3822

Square

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



32.1735, 0.4095, 0.3232



32.1735, 0.3696, 0.4328



32.1735, 0.2236, 0.3234



32.1735, 0.2517, 0.2388

Rectangle

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



32.1735, 0.4095, 0.3232



32.1735, 0.4209, 0.3962



32.1735, 0.2236, 0.3234



32.1735, 0.2134, 0.2520

Sweetspot

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



32.1751, 0.4095, 0.3232



80.2845, 0.3333, 0.3273



34.5806, 0.3117, 0.2280



16.7672, 0.3359, 0.3272



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.



32.1751, 0.4095, 0.3232



39.0477, 0.4435, 0.3222



44.0224, 0.3958, 0.3754



13.0634, 0.3283, 0.3277



8.9514, 0.6337, 0.3265



0.5842, 0.6150, 0.3161

Inverse Universe

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



32.1751, 0.4095, 0.3232



39.0477, 0.4435, 0.3222



41.8638, 0.2490, 0.2768



13.0634, 0.3283, 0.3277



8.9514, 0.6337, 0.3265



0.5842, 0.6150, 0.3161

Previews

White Background



This preview shows how the Yxy color 32.1735, 0.4095, 0.3232 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 32.1735, 0.4095, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

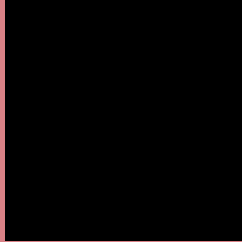
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1735, 0.4095, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 32.1735, 0.4095, 0.3232.



This preview shows how white text looks on a background with the Yxy color 32.1735, 0.4095, 0.3232.

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

32.1735, 0.4095, 0.3232

Protanopia

32.5887, 0.3243, 0.3396

Deuteranopia

32.1656, 0.3609, 0.3537



Tritanopia

32.0250, 0.4051, 0.3170

Trichromacy



Original Color

32.1735, 0.4095, 0.3232

Protanomaly

31.9071, 0.3535, 0.3334

Deuteranomaly

31.9222, 0.3790, 0.3415

Tritanomaly

31.9962, 0.4063, 0.3183

Monochromacy



Original Color

32.1735, 0.4095, 0.3232

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.1609, 0.3447, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1735, 0.4095, 0.3232 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(217, 129, 134)` looks like.

```
.text, #text, p{  
    color:rgb(217, 129, 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(217, 129, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 129, 134) }
```

Border

The CSS property to change the border of an element to Yxy 32.1735, 0.4095, 0.3232 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(217, 129, 134) }
```

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

```
.border{ border-color:rgb(217, 129, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 129, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 129, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 129, 134);  
box-shadow:4px 4px 4px 4px rgb(217, 129,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1735, 0.4095, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 129, 134) }
```

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

```
.background{ background-color: rgb(217,  
129, 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](#).

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