

Converting Colors

Yxy(32.2509, 0.3819, 0.3434)

Have a look what the booklet for
Yxy(32.2509, 0.3819, 0.3434)
contains.

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Color

Yxy(32.1578, 0.3823, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	C28D83
RGB	194, 141, 131
RGB Percent	76%, 55%, 51%
CMY	0.2393, 0.4470, 0.4863
CMYK	0.00, 0.27, 0.32, 0.24
HSL	10°, 34%, 64%
HSV	10°, 32%, 76%
XYZ	35.8633, 32.1578, 25.7882
YIQ	155.7070, 34.7980, 8.1260

Conversions

Conversions Part 2

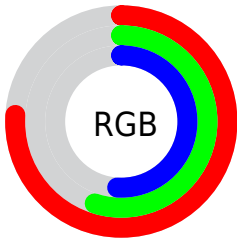
Format	Color
RYB	194, 143, 131
Decimal	12750211
CIELab	63.47, 18.75, 13.28
CIELCh	63, 22.976, 35.312
Yxy	32.1578, 0.3823, 0.3428
Android (android.graphics.Color)	4290940291 (0xFFC28D83)
YUV	155.7070, -12.1806, 33.5830
Hunter-Lab	56.7078, 13.6485, 12.7331

Details

The Yxy color **32.1578, 0.3823, 0.3428** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.9764, 0.2652, 0.3146**, and the grayscale version is **33.1522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1864, 0.3684, 0.3407**, and **13.4105, 0.4061, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **27.2201, 0.4137, 0.3471**, and if you desaturate by 10%, it is **37.9053, 0.3561, 0.3384**.

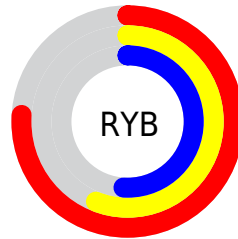
Distribution



Red (76%)

Green (55%)

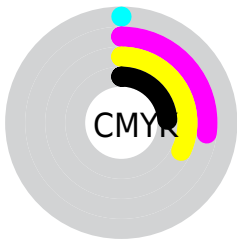
Blue (51%)



Red (76%)

Yellow (56%)

Blue (51%)

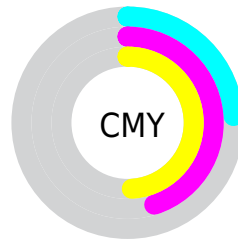


Cyan (0%)

Magenta (27%)

Yellow (32%)

Black (24%)



Cyan (24%)


Magenta (45%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1578, 0.3823, 0.3428 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 32.1578, 0.3823, 0.3428 by changing the saturation by 10% instead.


 32.1578, 0.3823,
0.3428


 32.1578, 0.3823,
0.3428

311.8375, 0.3450,
0.3364

 21.4821, 0.3925,
0.3441


 63.0584, 0.3681,
0.3406

 13.4768, 0.4061,
0.3457


 84.0520, 0.3630,
0.3398

 7.7577, 0.4251,
0.3473


 109.2537, 0.3587,
0.3390

 3.9403, 0.4534,
0.3486

139.0479, 0.3551,
0.3384

 1.6402, 0.5022,
0.3496

173.8190, 0.3520,
0.3378

 0.3845, 0.6816,
0.3184


213.9514, 0.3494,


 0.0000, 0.0000,


0.3373


0.0000


259.8294, 0.3471,
0.3368

 32.1578, 0.3823,
0.3428


 32.1578, 0.3823,
0.3428


 27.2201, 0.4137,
0.3471


 37.9053, 0.3561,
0.3384


 23.0513, 0.4503,
0.3509

 44.4921, 0.3344,
0.3340


 19.6138, 0.4913,
0.3534


 51.9517, 0.3166,
0.3300

 16.8649, 0.5343,
0.3539


 60.3145, 0.3020,
0.3262


 14.7574, 0.5747,
0.3516

 69.6094, 0.2899,
0.3228

 13.2381, 0.6071,
0.3465

 79.8641, 0.2799,
0.3197

 12.4384, 0.6249,
0.3420

 90.2050, 0.2773,
0.3289

Harmonies

Analogous

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



32.1578, 0.3614, 0.3132



32.1578, 0.3823, 0.3428



32.1578, 0.3831, 0.3710

Triad

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



32.1578, 0.3823, 0.3428



32.1578, 0.2956, 0.3755



32.1578, 0.2618, 0.2704

Complementary

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



32.1578, 0.3823, 0.3428



42.9764, 0.2652, 0.3146

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.



32.1578, 0.2466, 0.2826



32.1578, 0.3823, 0.3428



32.1578, 0.2652, 0.3433

Square

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



32.1578, 0.3823, 0.3428



32.1578, 0.3318, 0.3930



32.1578, 0.2478, 0.3087



32.1578, 0.2907, 0.2728

Rectangle

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



32.1578, 0.3823, 0.3428



32.1578, 0.3723, 0.3853



32.1578, 0.2478, 0.3087



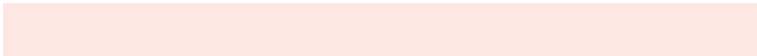
32.1578, 0.2550, 0.2728

Sweetspot

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



32.1593, 0.3823, 0.3428



83.6139, 0.3300, 0.3331



31.1794, 0.3260, 0.2602



17.9033, 0.3327, 0.3337



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.



32.1593, 0.3823, 0.3428



51.7369, 0.4042, 0.3459



42.5811, 0.3694, 0.3830



10.3311, 0.3285, 0.3327



8.2607, 0.6231, 0.3434



0.4404, 0.5850, 0.3737

Inverse Universe

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



42.9764, 0.2652, 0.3146



74.3665, 0.2559, 0.3110



31.5131, 0.2595, 0.2682



11.1466, 0.2984, 0.3252



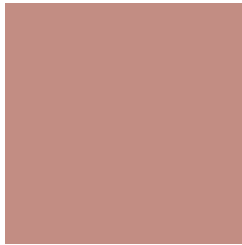
19.9108, 0.2106, 0.2781



0.9352, 0.2141, 0.2906

Previews

White Background



This preview shows how the Yxy color 32.1578, 0.3823, 0.3428 looks on a white background.

Color Contrast Check

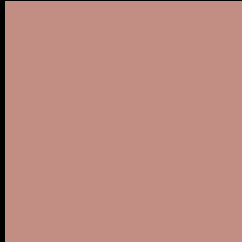
Large Text (above 18pt) WCAG AA × Fail

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 32.1578, 0.3823, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

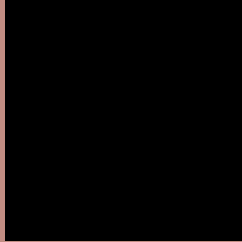
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1578, 0.3823, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 32.1578, 0.3823, 0.3428.



This preview shows how white text looks on a background with the Yxy color 32.1578, 0.3823, 0.3428.

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

32.1578, 0.3823, 0.3428

Protanopia

32.4944, 0.3360, 0.3548

Deuteranopia

32.1386, 0.3619, 0.3552



Tritanopia

32.0826, 0.3654, 0.3145

Trichromacy



Original Color

32.1578, 0.3823, 0.3428

Protanomaly

32.1284, 0.3521, 0.3496

Deuteranomaly

31.9298, 0.3697, 0.3504

Tritanomaly

32.0203, 0.3718, 0.3251

Monochromacy



Original Color

32.1578, 0.3823, 0.3428

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.7858, 0.3362, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1578, 0.3823, 0.3428 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(194, 141, 131)` looks like.

```
.text, #text, p{  
    color:rgb(194, 141, 131)  
}
```

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(194, 141, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 141, 131) }
```

Border

The CSS property to change the border of an element to Yxy 32.1578, 0.3823, 0.3428 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(194, 141, 131) }
```

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

```
.border{ border-color:rgb(194, 141, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 141, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 141, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 141, 131);  
box-shadow:4px 4px 4px 4px rgb(194, 141,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1578, 0.3823, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 141, 131) }
```

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

```
.background{ background-color: rgb(194,  
141, 131) }
```

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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