

Converting Colors

Yxy(31.9964, 0.3842, 0.3448)

Have a look what the booklet for
Yxy(31.9964, 0.3842, 0.3448)
contains.

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Color

Yxy(32.1041, 0.3846, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	C28D81
RGB	194, 141, 129
RGB Percent	76%, 55%, 51%
CMY	0.2392, 0.4471, 0.4941
CMYK	0.00, 0.27, 0.34, 0.24
HSL	11°, 35%, 63%
HSV	11°, 34%, 76%
XYZ	35.7373, 32.1041, 25.0793
YIQ	155.4790, 35.4400, 7.5040

Conversions

Conversions Part 2

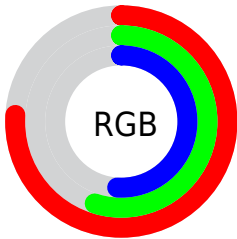
Format	Color
R_{YB}	194, 144, 129
Decimal	12750209
CIE Lab	63.43, 18.52, 14.35
CIE LCh	63, 23.425, 37.774
Yxy	32.1041, 0.3846, 0.3455
Android (android.graphics.Color)	4290940289 (0xFFC28D81)
YUV	155.4790, -13.0541, 33.7829
Hunter-Lab	56.6605, 13.4289, 13.4192

Details

The Yxy color **32.1041, 0.3846, 0.3455** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.0200, 0.2635, 0.3117**, and the grayscale version is **33.0499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1031, 0.3700, 0.3429**, and **13.5503, 0.4086, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **27.3013, 0.4159, 0.3505**, and if you desaturate by 10%, it is **37.6742, 0.3582, 0.3404**.

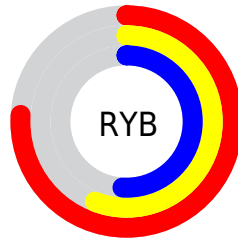
Distribution



Red (76%)

Green (55%)

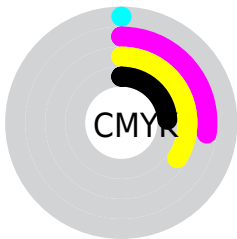
Blue (51%)



Red (76%)

Yellow (56%)

Blue (51%)

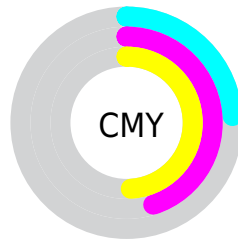


Cyan (0%)

Magenta (27%)

Yellow (34%)

Black (24%)



Cyan (24%)


Magenta (45%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1041, 0.3846, 0.3455 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 32.1041, 0.3846, 0.3455 by changing the saturation by 10% instead.


 32.1041, 0.3846,
0.3455


 32.1041, 0.3846,
0.3455


311.5932, 0.3461,
0.3378


 21.4410, 0.3951,
0.3472


 62.9742, 0.3700,
0.3428

 13.4468, 0.4091,
0.3491


 83.9501, 0.3647,
0.3418

 7.7369, 0.4287,
0.3513


 109.1324, 0.3602,
0.3409

 3.9271, 0.4579,
0.3533

138.9054, 0.3565,
0.3401

 1.6328, 0.5095,
0.3562

173.6536, 0.3533,
0.3394

 0.3796, 0.6817,
0.3183

213.7614, 0.3506,

 0.0000, 0.0000,

0.3388

0.0000

259.6131, 0.3482,
0.3382

■ 32.1041, 0.3846,
0.3455

■ 32.1041, 0.3846,
0.3455

■ 27.3013, 0.4159,
0.3505

■ 37.6742, 0.3582,
0.3404

■ 23.2274, 0.4522,
0.3547

■ 44.0386, 0.3364,
0.3353

■ 19.8480, 0.4926,
0.3576


■ 51.2285, 0.3183,
0.3306

■ 17.1235, 0.5345,
0.3581

■ 59.2722, 0.3034,
0.3262


■ 15.0105, 0.5738,
0.3555


■ 68.1965, 0.2910,
0.3222

 13.4600, 0.6053,
0.3496

 78.0272, 0.2807,
0.3186

 12.7223, 0.6208,
0.3453

 88.1413, 0.2770,
0.3254

 90.2109, 0.2773,
0.3289

Harmonies

Analogous

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



32.1041, 0.3648, 0.3152



32.1041, 0.3846, 0.3455



32.1041, 0.3836, 0.3738

Triad

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



32.1041, 0.3846, 0.3455



32.1041, 0.2923, 0.3743



32.1041, 0.2628, 0.2689

Complementary

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



32.1041, 0.3846, 0.3455



42.0200, 0.2635, 0.3117

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.



32.1041, 0.2460, 0.2800



32.1041, 0.3846, 0.3455



32.1041, 0.2622, 0.3406

Square

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



32.1041, 0.3846, 0.3455



32.1041, 0.3291, 0.3937



32.1041, 0.2458, 0.3056



32.1041, 0.2931, 0.2726

Rectangle

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



32.1041, 0.3846, 0.3455



32.1041, 0.3715, 0.3878



32.1041, 0.2458, 0.3056



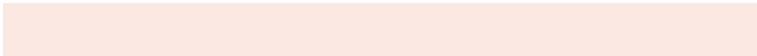
32.1041, 0.2555, 0.2709

Sweetspot

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



32.1056, 0.3846, 0.3455



83.9754, 0.3299, 0.3337



30.5508, 0.3287, 0.2605



17.9921, 0.3326, 0.3344



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.



32.1056, 0.3846, 0.3455



51.8231, 0.4064, 0.3491



43.1052, 0.3707, 0.3874



10.3721, 0.3284, 0.3333



8.4526, 0.6189, 0.3468



0.4587, 0.5778, 0.3794

Inverse Universe

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



42.0200, 0.2635, 0.3117



72.4139, 0.2541, 0.3074



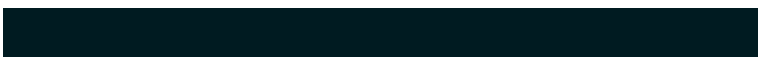
30.2419, 0.2572, 0.2625



11.1019, 0.2984, 0.3246



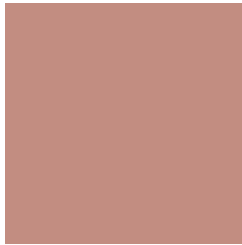
18.7886, 0.2082, 0.2695



0.8958, 0.2123, 0.2842

Previews

White Background



This preview shows how the Yxy color 32.1041, 0.3846, 0.3455 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 32.1041, 0.3846, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

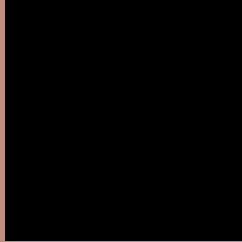
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1041, 0.3846, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 32.1041, 0.3846, 0.3455.



This preview shows how white text looks on a background with the Yxy color 32.1041, 0.3846, 0.3455.

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

32.1041, 0.3846, 0.3455

Protanopia

32.1088, 0.3382, 0.3564

Deuteranopia

32.2033, 0.3651, 0.3580



Tritanopia

32.0826, 0.3654, 0.3145

Trichromacy



Original Color

32.1041, 0.3846, 0.3455

Protanomaly

32.0726, 0.3541, 0.3526

Deuteranomaly

31.9997, 0.3729, 0.3532

Tritanomaly

32.0203, 0.3718, 0.3251

Monochromacy



Original Color

32.1041, 0.3846, 0.3455

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.3230, 0.3363, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1041, 0.3846, 0.3455 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(194, 141, 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(194, 141, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 141, 129) }
```

Border

The CSS property to change the border of an element to Yxy 32.1041, 0.3846, 0.3455 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, 129) }
```

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

```
.border{ border-color:rgb(194, 141, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 141, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 141, 129);  
box-shadow:4px 4px 4px 4px rgb(194, 141,  
129) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.1041, 0.3846, 0.3455$ 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, 129) }
```

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

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