

Converting Colors

$Y_{xy}(32.0511, 0.4034, 0.3518)$

Have a look what the booklet for
Yxy(32.0511, 0.4034, 0.3518)
contains.

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Color

Yxy(31.9749, 0.4028, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	C98A79
RGB	201, 138, 121
RGB Percent	79%, 54%, 47%
CMY	0.2117, 0.4588, 0.5254
CMYK	0.00, 0.31, 0.40, 0.21
HSL	13°, 43%, 63%
HSV	13°, 40%, 79%
XYZ	36.6311, 31.9749, 22.3351
YIQ	154.8990, 43.0050, 8.0690

Conversions

Conversions Part 2

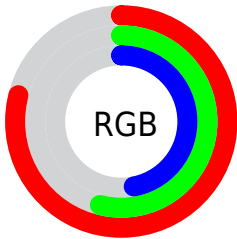
Format	Color
R _Y B	201, 143, 121
Decimal	13208185
CIE Lab	63.32, 21.96, 18.81
CIE LCh	63, 28.914, 40.583
Yxy	31.9749, 0.4028, 0.3516
Android (android.graphics.Color)	4291398265 (0xFFC98A79)
YUV	154.8990, -16.7122, 40.4306
Hunter-Lab	56.5464, 16.6773, 16.1636

Details

The Yxy color **31.9749, 0.4028, 0.3516** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.5803, 0.2546, 0.3046**, and the grayscale version is **32.7938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9764, 0.3809, 0.3491**, and **13.4671, 0.4336, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **27.3163, 0.4366, 0.3569**, and if you desaturate by 10%, it is **37.4019, 0.3738, 0.3458**.

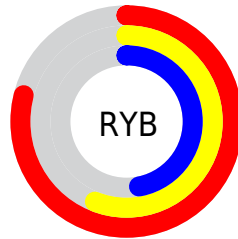
Distribution



Red (79%)

Green (54%)

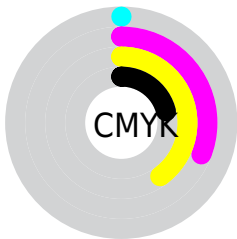
Blue (47%)



Red (79%)

Yellow (56%)

Blue (47%)

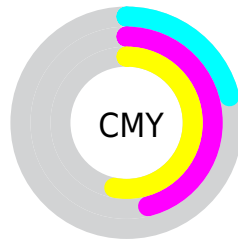


Cyan (0%)

Magenta (31%)

Yellow (40%)

Black (21%)



Cyan (21%)

Magenta (46%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9749, 0.4028, 0.3516 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 31.9749, 0.4028, 0.3516 by changing the saturation by 10% instead.

 31.9749, 0.4028,
0.3516

 31.9749, 0.4028,
0.3516


311.0049, 0.3545,
0.3412

 21.3423, 0.4159,
0.3537


 62.7717, 0.3845,
0.3481

 13.3745, 0.4333,
0.3560


 83.7048, 0.3778,
0.3467

 7.6869, 0.4574,
0.3583


 108.8401, 0.3723,
0.3455

 3.8953, 0.4926,
0.3596

138.5622, 0.3676,
0.3445

 1.6151, 0.5657,
0.3681

173.2552, 0.3636,
0.3435

 0.3678, 0.7068,
0.2932

213.3038, 0.3602,

 0.0000, 0.0000,

0.3427

0.0000

259.0922, 0.3572,
0.3419

■ 31.9749, 0.4028,
0.3516

■ 31.9749, 0.4028,
0.3516

■ 27.3163, 0.4366,
0.3569

■ 37.4019, 0.3738,
0.3458

■ 23.3864, 0.4748,
0.3610

■ 43.6252, 0.3495,
0.3399

■ 20.1489, 0.5155,
0.3629

■ 50.6773, 0.3292,
0.3342

■ 17.5627, 0.5554,
0.3616


■ 58.5872, 0.3124,
0.3289


■ 15.5816, 0.5900,
0.3566


■ 67.3826, 0.2985,
0.3240

 14.1473, 0.6157,
0.3490

 77.0900, 0.2869,
0.3196

 14.1233, 0.6162,
0.3489

 87.2936, 0.2806,
0.3225

 91.1598, 0.2811,
0.3289

Harmonies

Analogous

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



31.9749, 0.3804, 0.3150



31.9749, 0.4028, 0.3516



31.9749, 0.3986, 0.3859

Triad

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



31.9749, 0.4028, 0.3516



31.9749, 0.2832, 0.3823



31.9749, 0.2543, 0.2555

Complementary

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



31.9749, 0.4028, 0.3516



42.5803, 0.2546, 0.3046

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.



31.9749, 0.2326, 0.2666



31.9749, 0.4028, 0.3516



31.9749, 0.2481, 0.3386

Square

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



31.9749, 0.4028, 0.3516



31.9749, 0.3279, 0.4088



31.9749, 0.2303, 0.2957



31.9749, 0.2923, 0.2619

Rectangle

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



31.9749, 0.4028, 0.3516



31.9749, 0.3820, 0.4029



31.9749, 0.2303, 0.2957



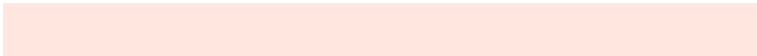
31.9749, 0.2451, 0.2572

Sweetspot

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



31.9764, 0.4028, 0.3516



83.7564, 0.3337, 0.3355



29.6020, 0.3340, 0.2491



17.5770, 0.3363, 0.3363



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.



31.9764, 0.4028, 0.3516



47.5940, 0.4326, 0.3564



45.2514, 0.3827, 0.4002



10.9957, 0.3284, 0.3340



8.9885, 0.6140, 0.3507



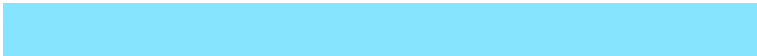
0.5342, 0.5732, 0.3831

Inverse Universe

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



42.5803, 0.2546, 0.3046



68.2244, 0.2434, 0.2982



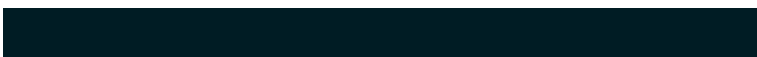
28.5397, 0.2454, 0.2452



11.6706, 0.2984, 0.3240



18.2368, 0.2055, 0.2599



0.9619, 0.2100, 0.2759

Previews

White Background



This preview shows how the Yxy color 31.9749, 0.4028, 0.3516 looks on a white background.

Color Contrast Check

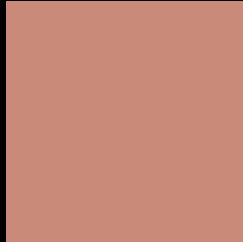
Large Text (above 18pt) WCAG AA × Fail

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 31.9749, 0.4028, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

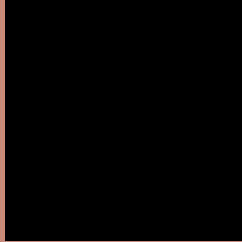
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9749, 0.4028, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 31.9749, 0.4028, 0.3516.



This preview shows how white text looks on a background with the Yxy color 31.9749, 0.4028, 0.3516.

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

31.9749, 0.4028, 0.3516

Protanopia

32.0224, 0.3461, 0.3671

Deuteranopia

31.9026, 0.3772, 0.3693



Tritanopia

32.0688, 0.3786, 0.3162

Trichromacy



Original Color

31.9749, 0.4028, 0.3516

Protanomaly

31.8906, 0.3661, 0.3626

Deuteranomaly

31.9939, 0.3865, 0.3626

Tritanomaly

31.9424, 0.3876, 0.3292

Monochromacy



Original Color

31.9749, 0.4028, 0.3516

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.2487, 0.3428, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9749, 0.4028, 0.3516 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(201, 138, 121)` looks like.

```
.text, #text, p{  
    color:rgb(201, 138, 121)  
}
```

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(201, 138, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 138, 121) }
```

Border

The CSS property to change the border of an element to Yxy 31.9749, 0.4028, 0.3516 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(201, 138, 121) }
```

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

```
.border{ border-color:rgb(201, 138, 121) }
```

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

Here you see how a box with a 4 pixel rgb(201, 138, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 138, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 138, 121);  
box-shadow:4px 4px 4px 4px rgb(201, 138,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9749, 0.4028, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 138, 121) }
```

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

```
.background{ background-color: rgb(201,  
138, 121) }
```

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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