

Converting Colors

Yxy(31.7630, 0.4110, 0.3504)

Have a look what the booklet for
Yxy(31.7630, 0.4110, 0.3504)
contains.

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Color

Yxy(31.6390, 0.4111, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	CD8777
RGB	205, 135, 119
RGB Percent	80%, 53%, 47%
CMY	0.1961, 0.4706, 0.5332
CMYK	0.00, 0.34, 0.42, 0.20
HSL	11°, 46%, 64%
HSV	11°, 42%, 80%
XYZ	37.1729, 31.6390, 21.6111
YIQ	154.1060, 46.8560, 9.8640

Conversions

Conversions Part 2

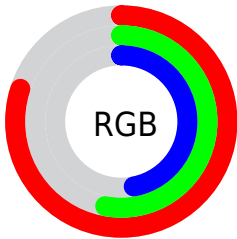
Format	Color
R_{YB}	205, 139, 119
Decimal	13469559
CIE Lab	63.04, 24.95, 19.62
CIE LCh	63, 31.736, 38.182
Yxy	31.6390, 0.4111, 0.3499
Android (android.graphics.Color)	4291659639 (0xFFCD8777)
YUV	154.1060, -17.3073, 44.6340
Hunter-Lab	56.2486, 19.5300, 16.5944

Details

The Yxy color **31.6390, 0.4111, 0.3499** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7435, 0.2523, 0.3064**, and the grayscale version is **32.4277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5955, 0.3836, 0.3481**, and **13.0915, 0.4437, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **26.9011, 0.4468, 0.3544**, and if you desaturate by 10%, it is **37.2166, 0.3804, 0.3448**.

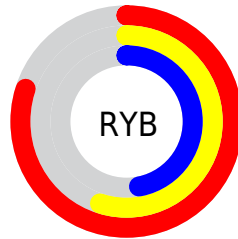
Distribution



Red (80%)

Green (53%)

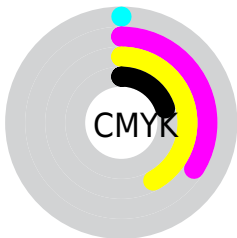
Blue (47%)



Red (80%)

Yellow (55%)

Blue (47%)

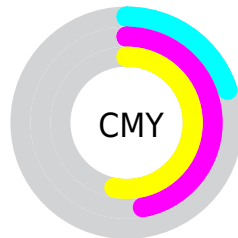


Cyan (0%)

Magenta (34%)

Yellow (42%)

Black (20%)



Cyan (20%)


Magenta (47%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6390, 0.4111, 0.3499 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 31.6390, 0.4111, 0.3499 by changing the saturation by 10% instead.


 31.6390, 0.4111,
0.3499

 31.6390, 0.4111,
0.3499


309.4715, 0.3583,
0.3407


 21.0859, 0.4254,
0.3516


 62.2447, 0.3910,
0.3470

 13.1868, 0.4444,
0.3532


 83.0662, 0.3838,
0.3457

 7.5573, 0.4708,
0.3544


 108.0791, 0.3777,
0.3447

 3.8130, 0.5091,
0.3538

137.6681, 0.3726,
0.3437

 1.5695, 0.5924,
0.3614

172.2174, 0.3682,
0.3428

 0.3369, 0.7345,
0.2655

212.1115, 0.3645,

 0.0000, 0.0000,

0.3420

0.0000

257.7347, 0.3612,
0.3414

■ 31.6390, 0.4111,
0.3499

■ 31.6390, 0.4111,
0.3499

■ 26.9011, 0.4468,
0.3544

■ 37.2166, 0.3804,
0.3448

■ 22.9574, 0.4869,
0.3575

■ 43.6672, 0.3547,
0.3396

■ 19.7651, 0.5289,
0.3584


■ 51.0281, 0.3334,
0.3346


■ 17.2754, 0.5689,
0.3562

■ 59.3329, 0.3157,
0.3299


■ 15.4334, 0.6017,
0.3507

■ 68.6135, 0.3012,
0.3255

 14.3705, 0.6211,
0.3450

 78.9003, 0.2892,
0.3215

 89.7274, 0.2831,
0.3256

 91.7196, 0.2833,
0.3289

Harmonies

Analogous

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



31.6390, 0.3843, 0.3103



31.6390, 0.4111, 0.3499



31.6390, 0.4085, 0.3881

Triad

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



31.6390, 0.4111, 0.3499



31.6390, 0.2837, 0.3915



31.6390, 0.2461, 0.2489

Complementary

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



31.6390, 0.4111, 0.3499



44.7435, 0.2523, 0.3064

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.



31.6390, 0.2242, 0.2622



31.6390, 0.4111, 0.3499



31.6390, 0.2442, 0.3434

Square

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



31.6390, 0.4111, 0.3499



31.6390, 0.3330, 0.4185



31.6390, 0.2234, 0.2953



31.6390, 0.2863, 0.2546

Rectangle

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



31.6390, 0.4111, 0.3499



31.6390, 0.3913, 0.4080



31.6390, 0.2234, 0.2953



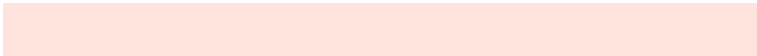
31.6390, 0.2366, 0.2511

Sweetspot

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



31.6406, 0.4111, 0.3499



82.0163, 0.3358, 0.3352



29.8662, 0.3340, 0.2433



16.9588, 0.3403, 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.



31.6406, 0.4111, 0.3499



44.9964, 0.4419, 0.3538



46.0656, 0.3878, 0.4024



11.5451, 0.3285, 0.3334



9.0487, 0.6190, 0.3467



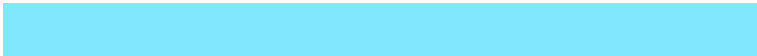
0.5710, 0.5826, 0.3756

Inverse Universe

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



44.7435, 0.2523, 0.3064



69.1020, 0.2418, 0.3009



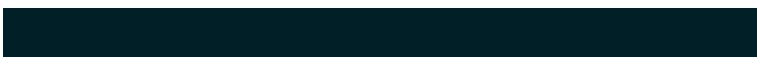
28.9698, 0.2418, 0.2419



12.3590, 0.2983, 0.3246



20.0627, 0.2081, 0.2690



1.1292, 0.2117, 0.2819

Previews

White Background



This preview shows how the Yxy color 31.6390, 0.4111, 0.3499 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 31.6390, 0.4111, 0.3499 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 31.6390, 0.4111, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 31.6390, 0.4111, 0.3499.



This preview shows how white text looks on a background with the Yxy color 31.6390, 0.4111, 0.3499.

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

31.6390, 0.4111, 0.3499

Protanopia

31.8918, 0.3460, 0.3688

Deuteranopia

31.8551, 0.3793, 0.3722



Tritanopia

31.7209, 0.3877, 0.3164

Trichromacy



Original Color

31.6390, 0.4111, 0.3499

Protanomaly

31.3601, 0.3690, 0.3611

Deuteranomaly

31.7717, 0.3902, 0.3638

Tritanomaly

31.6181, 0.3956, 0.3280

Monochromacy



Original Color

31.6390, 0.4111, 0.3499

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6748, 0.3464, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6390, 0.4111, 0.3499 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(205, 135, 119)` looks like.

```
.text, #text, p{  
    color:rgb(205, 135, 119)  
}
```

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(205, 135, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 135, 119) }
```

Border

The CSS property to change the border of an element to Yxy 31.6390, 0.4111, 0.3499 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(205, 135, 119) }
```

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

```
.border{ border-color:rgb(205, 135, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 135, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 135, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 135, 119);  
box-shadow:4px 4px 4px 4px rgb(205, 135,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6390, 0.4111, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 135, 119) }
```

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

```
.background{ background-color: rgb(205,  
135, 119) }
```

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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