

Converting Colors

$Yxy(31.4613, 0.4071, 0.3474)$

Have a look what the booklet for
Yxy(31.4613, 0.4071, 0.3474)
contains.

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Color

Yxy(31.4049, 0.4066, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	CB8779
RGB	203, 135, 121
RGB Percent	80%, 53%, 47%
CMY	0.2039, 0.4706, 0.5254
CMYK	0.00, 0.33, 0.40, 0.20
HSL	10°, 44%, 64%
HSV	10°, 40%, 80%
XYZ	36.7460, 31.4049, 22.2229
YIQ	153.7360, 45.0220, 10.0620

Conversions

Conversions Part 2

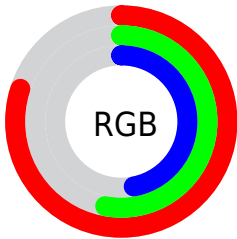
Format	Color
R _Y B	203, 138, 121
Decimal	13338489
CIE Lab	62.85, 24.38, 18.19
CIE LCh	63, 30.421, 36.724
Yxy	31.4049, 0.4066, 0.3475
Android (android.graphics.Color)	4291528569 (0xFFCB8779)
YUV	153.7360, -16.1388, 43.2045
Hunter-Lab	56.0401, 18.9740, 15.7164

Details

The Yxy color **31.4049, 0.4066, 0.3475** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7880, 0.2545, 0.3092**, and the grayscale version is **32.2520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6723, 0.3819, 0.3460**, and **13.1679, 0.4396, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **26.6260, 0.4420, 0.3517**, and if you desaturate by 10%, it is **37.0349, 0.3764, 0.3428**.

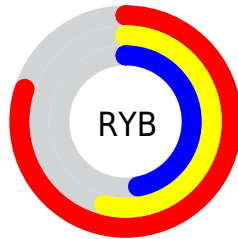
Distribution



Red (80%)

Green (53%)

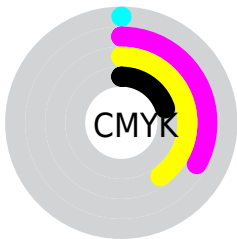
Blue (47%)



Red (80%)

Yellow (54%)

Blue (47%)

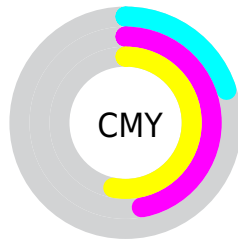


Cyan (0%)

Magenta (33%)

Yellow (40%)

Black (20%)



Cyan (20%)


Magenta (47%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4049, 0.4066, 0.3475 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 31.4049, 0.4066, 0.3475 by changing the saturation by 10% instead.


 31.4049, 0.4066,
0.3475


 31.4049, 0.4066,
0.3475


308.3994, 0.3561,
0.3394

 20.9074, 0.4203,
0.3490


 61.8770, 0.3874,
0.3449

 13.0563, 0.4386,
0.3504


 82.6203, 0.3804,
0.3438

 7.4673, 0.4641,
0.3515


 107.5477, 0.3747,
0.3429

 3.7560, 0.5014,
0.3509

137.0436, 0.3698,
0.3420

 1.5381, 0.5795,
0.3563

171.4923, 0.3656,
0.3412

 0.3153, 0.7397,
0.2603

211.2782, 0.3620,

 0.0000, 0.0000,

0.3406

0.0000

256.7858, 0.3589,
0.3399

■ 31.4049, 0.4066,
0.3475

■ 31.4049, 0.4066,
0.3475

■ 26.6260, 0.4420,
0.3517

■ 37.0349, 0.3764,
0.3428

■ 22.6523, 0.4820,
0.3548

■ 43.5501, 0.3512,
0.3380

■ 19.4401, 0.5245,
0.3558


■ 50.9882, 0.3304,
0.3335


■ 16.9399, 0.5656,
0.3542


■ 59.3835, 0.3133,
0.3292


■ 15.0961, 0.6000,
0.3494

■ 68.7683, 0.2992,
0.3252

 13.8758, 0.6236,
0.3431

 79.1735, 0.2876,
0.3216

 90.0939, 0.2820,
0.3267

 91.4371, 0.2822,
0.3289

Harmonies

Analogous

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



31.4049, 0.3796, 0.3093



31.4049, 0.4066, 0.3475



31.4049, 0.4056, 0.3845

Triad

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



31.4049, 0.4066, 0.3475



31.4049, 0.2871, 0.3907



31.4049, 0.2471, 0.2520

Complementary

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



31.4049, 0.4066, 0.3475



44.7880, 0.2545, 0.3092

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.



31.4049, 0.2268, 0.2659



31.4049, 0.4066, 0.3475



31.4049, 0.2483, 0.3454

Square

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



31.4049, 0.4066, 0.3475



31.4049, 0.3347, 0.4153



31.4049, 0.2271, 0.2988



31.4049, 0.2852, 0.2566

Rectangle

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



31.4049, 0.4066, 0.3475



31.4049, 0.3899, 0.4040



31.4049, 0.2271, 0.2988



31.4049, 0.2382, 0.2545

Sweetspot

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



31.4064, 0.4066, 0.3475



83.0435, 0.3338, 0.3343



30.0677, 0.3315, 0.2449



17.4104, 0.3364, 0.3349



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.



31.4064, 0.4066, 0.3475



45.8766, 0.4355, 0.3510



45.0032, 0.3852, 0.3981



11.5176, 0.3286, 0.3330



8.9225, 0.6216, 0.3446



0.5584, 0.5866, 0.3725

Inverse Universe

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



44.7880, 0.2545, 0.3092



71.0981, 0.2446, 0.3044



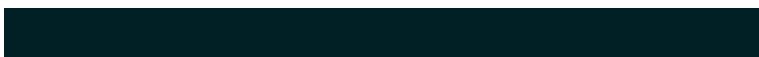
29.6699, 0.2450, 0.2479



12.3889, 0.2983, 0.3250



20.7775, 0.2095, 0.2742



1.1601, 0.2128, 0.2860

Previews

White Background



This preview shows how the Yxy color 31.4049, 0.4066, 0.3475 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 31.4049, 0.4066, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

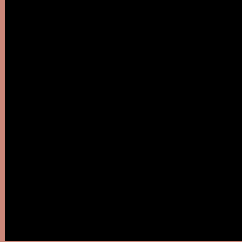
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4049, 0.4066, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 31.4049, 0.4066, 0.3475.



This preview shows how white text looks on a background with the Yxy color 31.4049, 0.4066, 0.3475.

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

31.4049, 0.4066, 0.3475

Protanopia

31.5150, 0.3433, 0.3644

Deuteranopia

31.3547, 0.3755, 0.3683



Tritanopia

31.4347, 0.3855, 0.3163

Trichromacy



Original Color

31.4049, 0.4066, 0.3475

Protanomaly

31.2942, 0.3658, 0.3583

Deuteranomaly

31.2669, 0.3863, 0.3600

Tritanomaly

31.3337, 0.3934, 0.3279

Monochromacy



Original Color

31.4049, 0.4066, 0.3475

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.5911, 0.3443, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4049, 0.4066, 0.3475 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(203, 135, 121)` looks like.

```
.text, #text, p{  
    color:rgb(203, 135, 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(203, 135, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 135, 121) }
```

Border

The CSS property to change the border of an element to Yxy 31.4049, 0.4066, 0.3475 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(203, 135, 121) }
```

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

```
.border{ border-color:rgb(203, 135, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 135, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 135, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 135, 121);  
box-shadow:4px 4px 4px 4px rgb(203, 135,  
121) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 31.4049, 0.4066, 0.3475$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 135, 121) }
```

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

```
.background{ background-color: rgb(203,  
135, 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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