

Converting Colors

$Yxy(47.5886, 0.3409, 0.3304)$

Have a look what the booklet for
Yxy(47.5886, 0.3409, 0.3304)
contains.

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Color

Yxy(47.4112, 0.3414, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	CFB0AF
RGB	207, 176, 175
RGB Percent	81%, 69%, 69%
CMY	0.1881, 0.3098, 0.3137
CMYK	0.00, 0.15, 0.15, 0.19
HSL	2°, 25%, 75%
HSV	2°, 15%, 81%
XYZ	49.0045, 47.4112, 47.1241
YIQ	185.1550, 18.7970, 6.2610

Conversions

Conversions Part 2

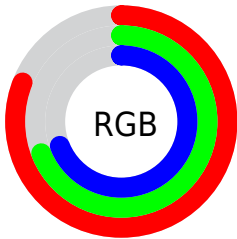
Format	Color
R _Y B	207, 176, 175
Decimal	13611183
CIE Lab	74.45, 11.05, 4.67
CIE LCh	74, 11.997, 22.901
Yxy	47.4112, 0.3414, 0.3303
Android (android.graphics.Color)	4291801263 (0xFFCFB0AF)
YUV	185.1550, -5.0064, 19.1581
Hunter-Lab	68.8558, 6.5404, 7.6217

Details

The Yxy color **47.4112, 0.3414, 0.3303** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.7903, 0.2894, 0.3277**, and the grayscale version is **48.6303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6864, 0.3298, 0.3310**, and **22.2714, 0.3488, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **39.3664, 0.3658, 0.3312**, and if you desaturate by 10%, it is **56.7479, 0.3218, 0.3294**.

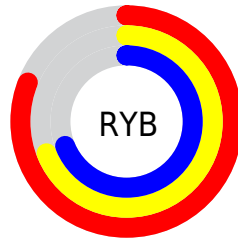
Distribution



Red (81%)

Green (69%)

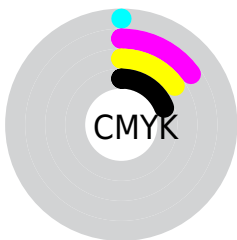
Blue (69%)



Red (81%)

Yellow (69%)

Blue (69%)

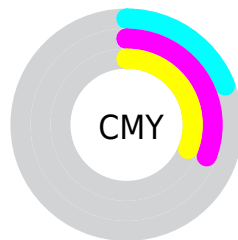


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (19%)



Cyan (19%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4112, 0.3414, 0.3303 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 47.4112, 0.3414, 0.3303 by changing the saturation by 10% instead.


 47.4112, 0.3414,
0.3303

 47.4112, 0.3414,
0.3303


376.4535, 0.3270,
0.3298

 33.3608, 0.3450,
0.3304

 86.3271, 0.3362,
0.3302

 22.4030, 0.3496,
0.3305


111.9614, 0.3342,
0.3301

 14.1533, 0.3558,
0.3305


142.2258, 0.3325,
0.3300

 8.2274, 0.3645,
0.3305

177.5048, 0.3311,
0.3300

 4.2408, 0.3775,
0.3303

218.1826, 0.3299,
0.3299

 1.8092, 0.3991,
0.3295

264.6438, 0.3288,

 0.4929, 0.5122,

0.3299

0.3419

317.2726, 0.3279,
0.3298

0.0000, 0.0000,
0.0000

47.4112, 0.3414,
0.3303

47.4112, 0.3414,
0.3303

39.3664, 0.3658,
0.3312

56.7479, 0.3218,
0.3294

32.5506, 0.3960,
0.3322

67.4231, 0.3060,
0.3287

26.9053, 0.4325,
0.3330

79.4889, 0.2933,
0.3279

22.3646, 0.4752,
0.3337

92.0121, 0.2844,
0.3289

18.8561, 0.5219,
0.3341

■ 16.2989, 0.5680,
0.3338

■ 14.6000, 0.6066,
0.3330

■ 13.6477, 0.6311,
0.3316

■ 13.4110, 0.6381,
0.3315

Harmonies

Analogous

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



47.4112, 0.3291, 0.3164



47.4112, 0.3414, 0.3303



47.4112, 0.3458, 0.3443

Triad

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



47.4112, 0.3414, 0.3303



47.4112, 0.3121, 0.3538



47.4112, 0.2850, 0.3033

Complementary

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



47.4112, 0.3414, 0.3303



57.7903, 0.2894, 0.3277

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.



47.4112, 0.2808, 0.3125



47.4112, 0.3414, 0.3303



47.4112, 0.2962, 0.3420

Square

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



47.4112, 0.3414, 0.3303



47.4112, 0.3286, 0.3584



47.4112, 0.2848, 0.3266



47.4112, 0.2965, 0.3010

Rectangle

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



47.4112, 0.3414, 0.3303



47.4112, 0.3435, 0.3518



47.4112, 0.2848, 0.3266



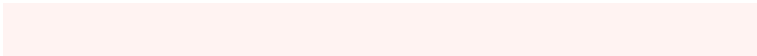
47.4112, 0.2827, 0.3056

Sweetspot

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



47.4133, 0.3414, 0.3303



91.5743, 0.3210, 0.3294



48.4123, 0.3149, 0.2916



19.3567, 0.3223, 0.3295



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.



47.4133, 0.3414, 0.3303



70.8781, 0.3499, 0.3306



53.8718, 0.3385, 0.3491



11.8659, 0.3290, 0.3298



8.4707, 0.6376, 0.3320



0.4947, 0.6295, 0.3384

Inverse Universe

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



57.7903, 0.2894, 0.3277



90.9887, 0.2840, 0.3274



50.6596, 0.2886, 0.3080



13.3417, 0.2983, 0.3282



29.0671, 0.2221, 0.3194



1.6454, 0.2226, 0.3212

Previews

White Background



This preview shows how the Yxy color 47.4112, 0.3414, 0.3303 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 47.4112, 0.3414, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

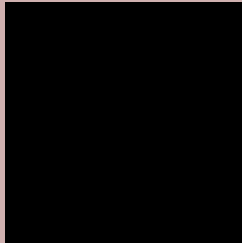
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4112, 0.3414, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 47.4112, 0.3414, 0.3303.



This preview shows how white text looks on a background with the Yxy color 47.4112, 0.3414, 0.3303.

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

47.4112, 0.3414, 0.3303

Protanopia

47.4019, 0.3203, 0.3329

Deuteranopia

47.3768, 0.3385, 0.3316



Tritanopia

47.4583, 0.3322, 0.3121

Trichromacy



Original Color

47.4112, 0.3414, 0.3303

Protanomaly

47.4590, 0.3274, 0.3316

Deuteranomaly

47.5186, 0.3394, 0.3316

Tritanomaly

47.4887, 0.3355, 0.3193

Monochromacy



Original Color

47.4112, 0.3414, 0.3303

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.1295, 0.3230, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4112, 0.3414, 0.3303 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(207, 176, 175)` looks like.

```
.text, #text, p{  
    color:rgb(207, 176, 175)  
}
```

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(207, 176, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 176, 175) }
```

Border

The CSS property to change the border of an element to Yxy 47.4112, 0.3414, 0.3303 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(207, 176, 175) }
```

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

```
.border{ border-color:rgb(207, 176, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 176, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 176, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 176, 175);  
box-shadow:4px 4px 4px 4px rgb(207, 176,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4112, 0.3414, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 176, 175) }
```

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

```
.background{ background-color: rgb(207,  
176, 175) }
```

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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