

Converting Colors

Yxy(47.0132, 0.3499, 0.3412)

Have a look what the booklet for
Yxy(47.0132, 0.3499, 0.3412)
contains.

Yxy(47.2137, 0.3502, 0.3415)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.2137, 0.3502, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	D0B0A6
RGB	208, 176, 166
RGB Percent	82%, 69%, 65%
CMY	0.1843, 0.3098, 0.3491
CMYK	0.00, 0.15, 0.20, 0.18
HSL	14°, 31%, 73%
HSV	14°, 20%, 82%
XYZ	48.4165, 47.2137, 42.6237
YIQ	184.4280, 22.2820, 3.6740

Conversions

Conversions Part 2

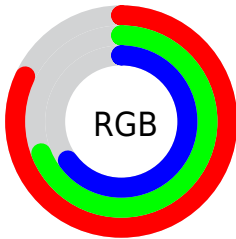
Format	Color
R _Y B	208, 179, 166
Decimal	13676710
CIE Lab	74.33, 9.98, 9.43
CIE LCh	74, 13.733, 43.366
Yxy	47.2137, 0.3502, 0.3415
Android (android.graphics.Color)	4291866790 (0xFFD0B0A6)
YUV	184.4280, -9.0850, 20.6726
Hunter-Lab	68.7122, 5.5296, 11.3197

Details

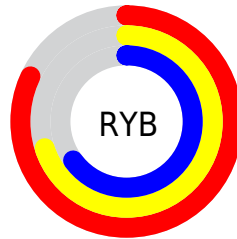
The Yxy color $47.2137, 0.3502, 0.3415$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $53.0236, 0.2819, 0.3161$, and the grayscale version is $48.2235, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.1937, 0.3358, 0.3400$, and $22.1531, 0.3612, 0.3441$ is the 20% darker color. If you saturate the color by 10%, you get $40.6629, 0.3745, 0.3481$, and if you desaturate by 10%, it is $54.6161, 0.3299, 0.3351$.

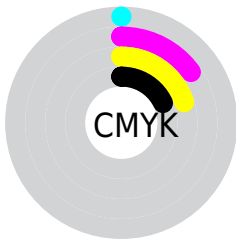
Distribution



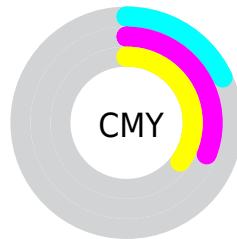
- Red (82%)
- Green (69%)
- Blue (65%)



- Red (82%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (18%)





- Cyan (18%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2137, 0.3502, 0.3415 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 47.2137, 0.3502, 0.3415 by changing the saturation by 10% instead.


 47.2137, 0.3502,
0.3415


 47.2137, 0.3502,
0.3415


375.6669, 0.3314,
0.3355

 33.2046, 0.3549,
0.3429


 86.0325, 0.3433,
0.3394

 22.2832, 0.3610,
0.3446


 111.6111, 0.3408,
0.3386

 14.0652, 0.3691,
0.3469


141.8149, 0.3386,
0.3379

 8.1660, 0.3805,
0.3498

177.0284, 0.3367,
0.3373

 4.2014, 0.3975,
0.3537

217.6359, 0.3351,
0.3368

 1.7868, 0.4256,
0.3591

264.0219, 0.3337,

 0.4789, 0.5934,

0.3363

0.4066

316.5708, 0.3325,
0.3359

0.0000, 0.0000,
0.0000

47.2137, 0.3502,
0.3415

47.2137, 0.3502,
0.3415

40.6629, 0.3745,
0.3481

54.6161, 0.3299,
0.3351

34.9266, 0.4032,
0.3547

62.8929, 0.3130,
0.3291

29.9744, 0.4365,
0.3607

72.0737, 0.2990,
0.3236

25.7714, 0.4739,
0.3653

82.1852, 0.2872,
0.3185

22.2802, 0.5136,
0.3675

92.1486, 0.2849,
0.3289

■ 19.4597, 0.5525,
0.3662

■ 17.2644, 0.5862,
0.3609

■ 15.6637, 0.6113,
0.3528

Harmonies

Analogous

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



47.2137, 0.3420, 0.3252



47.2137, 0.3502, 0.3415



47.2137, 0.3480, 0.3552

Triad

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



47.2137, 0.3502, 0.3415



47.2137, 0.2992, 0.3489



47.2137, 0.2892, 0.2969

Complementary

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



47.2137, 0.3502, 0.3415



53.0236, 0.2819, 0.3161

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.



47.2137, 0.2785, 0.3020



47.2137, 0.3502, 0.3415



47.2137, 0.2841, 0.3319

Square

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



47.2137, 0.3502, 0.3415



47.2137, 0.3181, 0.3603



47.2137, 0.2767, 0.3147



47.2137, 0.3064, 0.3000

Rectangle

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



47.2137, 0.3502, 0.3415



47.2137, 0.3409, 0.3610



47.2137, 0.2767, 0.3147



47.2137, 0.2847, 0.2977

Sweetspot

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



47.2158, 0.3502, 0.3415



91.8476, 0.3226, 0.3326



44.7567, 0.3234, 0.2903



19.4760, 0.3237, 0.3330



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.



47.2158, 0.3502, 0.3415



70.4639, 0.3596, 0.3442



55.9960, 0.3454, 0.3662



12.2603, 0.3285, 0.3346



9.8896, 0.6089, 0.3547



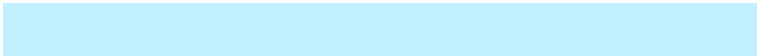
0.6789, 0.5723, 0.3838

Inverse Universe

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



53.0236, 0.2819, 0.3161



81.2058, 0.2759, 0.3132



44.1719, 0.2802, 0.2888



12.9084, 0.2983, 0.3233



18.3000, 0.2029, 0.2504



1.1414, 0.2074, 0.2665

Previews

White Background



This preview shows how the Yxy color 47.2137, 0.3502, 0.3415 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 47.2137, 0.3502, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

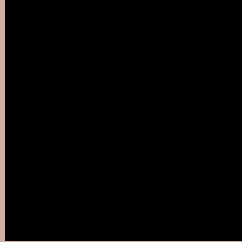
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2137, 0.3502, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 47.2137, 0.3502, 0.3415.



This preview shows how white text looks on a background with the Yxy color 47.2137, 0.3502, 0.3415.

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

47.2137, 0.3502, 0.3415

Protanopia

47.1393, 0.3293, 0.3459

Deuteranopia

47.0692, 0.3493, 0.3415



Tritanopia

47.1339, 0.3350, 0.3134

Trichromacy



Original Color

47.2137, 0.3502, 0.3415

Protanomaly

47.2054, 0.3367, 0.3444

Deuteranomaly

47.0692, 0.3493, 0.3415

Tritanomaly

47.0821, 0.3400, 0.3230

Monochromacy



Original Color

47.2137, 0.3502, 0.3415

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.5595, 0.3263, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2137, 0.3502, 0.3415 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(208, 176, 166)` looks like.

```
.text, #text, p{  
    color:rgb(208, 176, 166)  
}
```

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(208, 176, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 176, 166) }
```

Border

The CSS property to change the border of an element to Yxy 47.2137, 0.3502, 0.3415 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(208, 176, 166) }
```

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

```
.border{ border-color:rgb(208, 176, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 176, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 176, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 176, 166);  
box-shadow:4px 4px 4px 4px rgb(208, 176,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2137, 0.3502, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 176, 166) }
```

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

```
.background{ background-color: rgb(208,  
176, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor