

Converting Colors

$Y_{xy}(47.4328, 0.3535, 0.3352)$

Have a look what the booklet for
Yxy(47.4328, 0.3535, 0.3352)
contains.

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Color

Yxy(47.4328, 0.3535, 0.3352)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D6AEA9 |
| RGB | 214, 174, 169 |
| RGB Percent | 84%, 68%, 66% |
| CMY | 0.1609, 0.3176, 0.3373 |
| CMYK | 0.00, 0.19, 0.21, 0.16 |
| HSL | 7°, 35%, 75% |
| HSV | 7°, 21%, 84% |
| XYZ | 50.0224, 47.4328, 44.0508 |
| YIQ | 185.3900, 25.4450, 6.9250 |

Conversions

Conversions Part 2

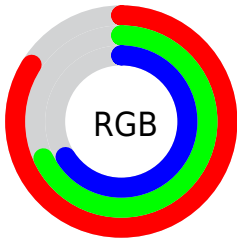
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 214, 175, 169 |
| Decimal | 14069417 |
| CIE Lab | 74.47, 13.75, 8.06 |
| CIE LCh | 74, 15.935, 30.365 |
| Yxy | 47.4328, 0.3535, 0.3352 |
| Android (android.graphics.Color) | 4292259497 (0xFFD6AEA9) |
| YUV | 185.3900, -8.0803, 25.0910 |
| Hunter-Lab | 68.8715, 9.1221, 10.2876 |

Details

The Yxy color $47.4328, 0.3535, 0.3352$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $58.8635, 0.2811, 0.3227$, and the grayscale version is $48.7792, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.2354, 0.3341, 0.3350$, and $22.5743, 0.3655, 0.3372$ is the 20% darker color. If you saturate the color by 10%, you get $39.8633, 0.3799, 0.3384$, and if you desaturate by 10%, it is $56.1774, 0.3319, 0.3321$.

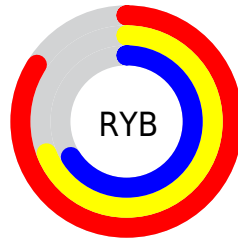
Distribution



Red (84%)

Green (68%)

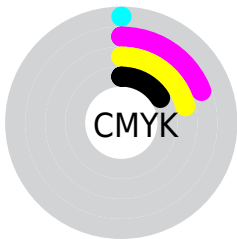
Blue (66%)



Red (84%)

Yellow (69%)

Blue (66%)

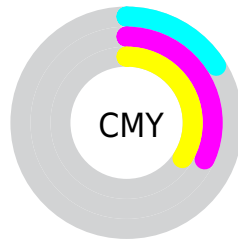


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (16%)



Cyan (16%)


Magenta (32%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4328, 0.3535, 0.3352 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 47.4328, 0.3535, 0.3352 by changing the saturation by 10% instead.


 47.4328, 0.3535,
0.3352

 47.4328, 0.3535,
0.3352


376.5395, 0.3330,
0.3324

 33.3779, 0.3586,
0.3358


 86.3593, 0.3460,
0.3343

 22.4161, 0.3653,
0.3365


111.9997, 0.3432,
0.3339

 14.1630, 0.3741,
0.3373


142.2708, 0.3409,
0.3336

 8.2341, 0.3865,
0.3383

177.5569, 0.3388,
0.3333

 4.2451, 0.4050,
0.3393

218.2424, 0.3371,
0.3330

 1.8116, 0.4355,
0.3399

264.7117, 0.3356,

 0.4944, 0.6197,

0.3328

0.3803

317.3493, 0.3342,
0.3326

0.0000, 0.0000,
0.0000

47.4328, 0.3535,
0.3352

47.4328, 0.3535,
0.3352

39.8633, 0.3799,
0.3384

56.1774, 0.3319,
0.3321

33.4125, 0.4119,
0.3415

66.1374, 0.3143,
0.3293

28.0294, 0.4497,
0.3442

77.3591, 0.3000,
0.3267

23.6560, 0.4924,
0.3459

89.8847, 0.2883,
0.3243

20.2291, 0.5372,
0.3462

93.0320, 0.2883,
0.3289

■ 17.6784, 0.5794,
0.3445

■ 15.9234, 0.6125,
0.3406

■ 14.9412, 0.6318,
0.3366

Harmonies

Analogous

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



47.4328, 0.3393, 0.3166



47.4328, 0.3535, 0.3352



47.4328, 0.3562, 0.3530

Triad

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



47.4328, 0.3535, 0.3352



47.4328, 0.3062, 0.3591



47.4328, 0.2790, 0.2933

Complementary

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



47.4328, 0.3535, 0.3352



58.8635, 0.2811, 0.3227

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.



47.4328, 0.2710, 0.3031



47.4328, 0.3535, 0.3352



47.4328, 0.2863, 0.3413

Square

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



47.4328, 0.3535, 0.3352



47.4328, 0.3284, 0.3679



47.4328, 0.2736, 0.3205



47.4328, 0.2961, 0.2930

Rectangle

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



47.4328, 0.3535, 0.3352



47.4328, 0.3512, 0.3621



47.4328, 0.2736, 0.3205



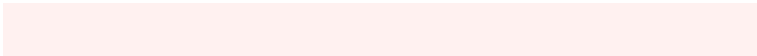
47.4328, 0.2752, 0.2956

Sweetspot

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



47.4350, 0.3535, 0.3352



90.6865, 0.3227, 0.3307



47.2922, 0.3189, 0.2820



19.2024, 0.3239, 0.3309



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.



47.4350, 0.3535, 0.3352



65.5906, 0.3640, 0.3365



56.6275, 0.3483, 0.3611



12.6419, 0.3288, 0.3317



9.1097, 0.6302, 0.3378



0.6263, 0.6061, 0.3569

Inverse Universe

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



58.8635, 0.2811, 0.3227



85.3893, 0.2752, 0.3213



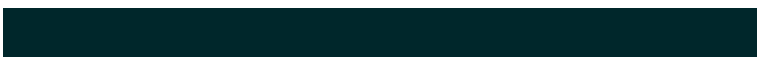
48.8220, 0.2792, 0.2947



13.8599, 0.2983, 0.3263



25.3151, 0.2149, 0.2937



1.5959, 0.2168, 0.3003

Previews

White Background



This preview shows how the Yxy color 47.4328, 0.3535, 0.3352 looks on a white background.

Color Contrast Check

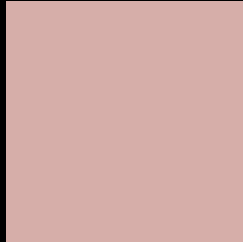
Large Text (above 18pt) WCAG AA × Fail

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 47.4328, 0.3535, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

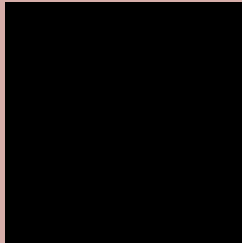
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4328, 0.3535, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 47.4328, 0.3535, 0.3352.



This preview shows how white text looks on a background with the Yxy color 47.4328, 0.3535, 0.3352.

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

47.4328, 0.3535, 0.3352

Protanopia

47.7418, 0.3251, 0.3406

Deuteranopia

47.5368, 0.3473, 0.3402



Tritanopia

47.6068, 0.3414, 0.3136

Trichromacy



Original Color

47.4328, 0.3535, 0.3352

Protanomaly

47.6268, 0.3351, 0.3392

Deuteranomaly

47.5795, 0.3503, 0.3389

Tritanomaly

47.5889, 0.3457, 0.3219

Monochromacy



Original Color

47.4328, 0.3535, 0.3352

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.0382, 0.3273, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4328, 0.3535, 0.3352 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(214, 174, 169)` looks like.

```
.text, #text, p{  
    color:rgb(214, 174, 169)  
}
```

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(214, 174, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 174, 169) }
```

Border

The CSS property to change the border of an element to Yxy 47.4328, 0.3535, 0.3352 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(214, 174, 169) }
```

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

```
.border{ border-color:rgb(214, 174, 169) }
```

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

Here you see how a box with a 4 pixel rgb(214, 174, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 174, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 174, 169);  
box-shadow:4px 4px 4px 4px rgb(214, 174,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4328, 0.3535, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 174, 169) }
```

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

```
.background{ background-color: rgb(214,  
174, 169) }
```

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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