

Converting Colors

$Yxy(47.8433, 0.3509, 0.3274)$

Have a look what the booklet for
Yxy(47.8433, 0.3509, 0.3274)
contains.

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Color

Yxy(47.7340, 0.3511, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	D9ADAF
RGB	217, 173, 175
RGB Percent	85%, 68%, 69%
CMY	0.1490, 0.3216, 0.3137
CMYK	0.00, 0.20, 0.19, 0.15
HSL	357°, 37%, 76%
HSV	357°, 20%, 85%
XYZ	51.2991, 47.7340, 47.0765
YIQ	186.3840, 25.5820, 9.9500

Conversions

Conversions Part 2

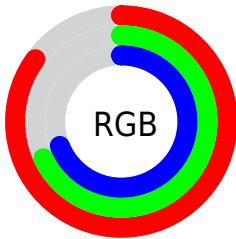
Format	Color
R _Y B	217, 173, 175
Decimal	14265775
CIE Lab	74.66, 16.33, 5.07
CIE LCh	75, 17.100, 17.255
Yxy	47.7340, 0.3511, 0.3267
Android (android.graphics.Color)	4292455855 (0xFFD9ADAF)
YUV	186.3840, -5.6123, 26.8502
Hunter-Lab	69.0898, 11.6288, 7.9638

Details

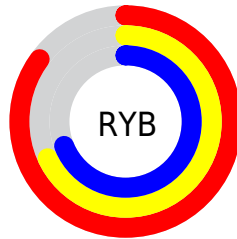
The Yxy color $47.7340, 0.3511, 0.3267$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $63.4183, 0.2838, 0.3314$, and the grayscale version is $49.3526, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.0118, 0.3302, 0.3281$, and $22.4401, 0.3612, 0.3244$ is the 20% darker color. If you saturate the color by 10%, you get $39.3263, 0.3774, 0.3255$, and if you desaturate by 10%, it is $57.6224, 0.3300, 0.3279$.

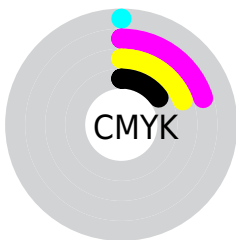
Distribution



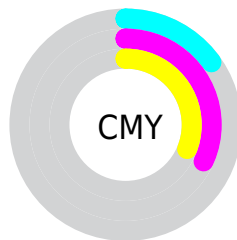
- Red (85%)
- Green (68%)
- Blue (69%)



- Red (85%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (15%)



- Cyan (15%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7340, 0.3511, 0.3267 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 47.7340, 0.3511, 0.3267 by changing the saturation by 10% instead.


 47.7340, 0.3511,
0.3267

 47.7340, 0.3511,
0.3267

377.7368, 0.3319,
0.3281

 33.6163, 0.3559,
0.3263


 86.8082, 0.3441,
0.3273

 22.5990, 0.3621,
0.3257


112.5335, 0.3415,
0.3274

 14.2977, 0.3704,
0.3249


142.8968, 0.3393,
0.3276

 8.3280, 0.3819,
0.3236

178.2825, 0.3374,
0.3277

 4.3055, 0.3992,
0.3215

219.0749, 0.3357,
0.3278

 1.8459, 0.4276,
0.3172

265.6585, 0.3343,

 0.5155, 0.5519,

0.3279

0.3199

318.4177, 0.3330,
0.3280

0.0000, 0.0000,
0.0000

47.7340, 0.3511,
0.3267

47.7340, 0.3511,
0.3267

39.3263, 0.3774,
0.3255

57.6224, 0.3300,
0.3279

32.3220, 0.4097,
0.3244

69.0510, 0.3131,
0.3290

26.6466, 0.4485,
0.3235

82.0840, 0.2996,
0.3300

22.2161, 0.4928,
0.3230

93.4925, 0.2900,
0.3289

18.9371, 0.5398,
0.3232

■ 16.7028, 0.5836,
0.3242

■ 15.3866, 0.6173,
0.3261

■ 14.7743, 0.6361,
0.3278

Harmonies

Analogous

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



47.7340, 0.3318, 0.3080



47.7340, 0.3511, 0.3267



47.7340, 0.3597, 0.3467

Triad

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



47.7340, 0.3511, 0.3267



47.7340, 0.3162, 0.3669



47.7340, 0.2716, 0.2942

Complementary

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



47.7340, 0.3511, 0.3267



63.4183, 0.2838, 0.3314

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.



47.7340, 0.2679, 0.3085



47.7340, 0.3511, 0.3267



47.7340, 0.2930, 0.3514

Square

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



47.7340, 0.3511, 0.3267



47.7340, 0.3390, 0.3709



47.7340, 0.2756, 0.3295



47.7340, 0.2860, 0.2894

Rectangle

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



47.7340, 0.3511, 0.3267



47.7340, 0.3581, 0.3583



47.7340, 0.2756, 0.3295



47.7340, 0.2691, 0.2980

Sweetspot

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



47.7362, 0.3511, 0.3267



89.7188, 0.3224, 0.3283



49.3154, 0.3132, 0.2786



18.9748, 0.3236, 0.3283



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.



47.7362, 0.3511, 0.3267



63.7678, 0.3608, 0.3262



55.8226, 0.3484, 0.3524



13.0611, 0.3284, 0.3280



8.9473, 0.6349, 0.3271



0.5831, 0.6195, 0.3186

Inverse Universe

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



47.7362, 0.3511, 0.3267



63.7678, 0.3608, 0.3262



53.9194, 0.2810, 0.3044



13.0611, 0.3284, 0.3280



8.9473, 0.6349, 0.3271



0.5831, 0.6195, 0.3186

Previews

White Background



This preview shows how the Yxy color 47.7340, 0.3511, 0.3267 looks on a white background.

Color Contrast Check

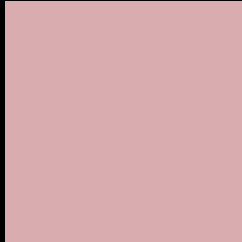
Large Text (above 18pt) WCAG AA × Fail

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 47.7340, 0.3511, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

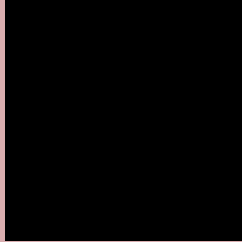
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7340, 0.3511, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 47.7340, 0.3511, 0.3267.



This preview shows how white text looks on a background with the Yxy color 47.7340, 0.3511, 0.3267.

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

47.7340, 0.3511, 0.3267

Protanopia

47.8945, 0.3186, 0.3316

Deuteranopia

47.8759, 0.3400, 0.3340



Tritanopia

47.5340, 0.3434, 0.3125

Trichromacy



Original Color

47.7340, 0.3511, 0.3267

Protanomaly

47.6370, 0.3302, 0.3291

Deuteranomaly

47.6620, 0.3440, 0.3315

Tritanomaly

47.7467, 0.3468, 0.3184

Monochromacy



Original Color

47.7340, 0.3511, 0.3267

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.2955, 0.3257, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7340, 0.3511, 0.3267 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(217, 173, 175)` looks like.

```
.text, #text, p{  
    color:rgb(217, 173, 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(217, 173, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 173, 175) }
```

Border

The CSS property to change the border of an element to Yxy 47.7340, 0.3511, 0.3267 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(217, 173, 175) }
```

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

```
.border{ border-color:rgb(217, 173, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 173, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 173, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 173, 175);  
box-shadow:4px 4px 4px 4px rgb(217, 173,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7340, 0.3511, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 173, 175) }
```

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

```
.background{ background-color: rgb(217,  
173, 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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