Converting Colors

Yxy(44.7332, 0.3698, 0.3413)

Have a look what the booklet for Yxy(44.7332, 0.3698, 0.3413) contains.

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Color

Yxy(44.8235, 0.3694, 0.3413)

Conversions

Format	Color
	Conversions Part 1
Hex	D9A79D
RGB	217, 167, 157
RGB Percent	85%, 65%, 62%
CMY	0.1491, 0.3450, 0.3843
CMYK	0.00, 0.23, 0.28, 0.15
HSL	10°, 44%, 73%
HSV	10°, 28%, 85%
XYZ	48.5139, 44.8235, 37.9943
YIQ	180.8100, 33.0100, 7.4900

Conversions

Conversions Part 2

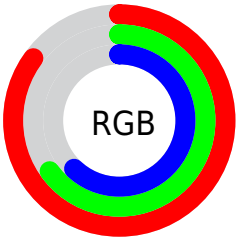
Format	Color
RYB	217, 169, 157
Decimal	14264221
CIELab	72.78, 16.94, 12.26
CIELCh	73, 20.905, 35.896
Yxy	44.8235, 0.3694, 0.3413
Android (android.graphics.Color)	4292454301 (0xFFD9A79D)
YUV	180.8100, -11.7383, 31.7386
Hunter-Lab	66.9504, 12.1825, 13.2182

Details

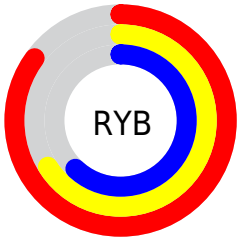
The Yxy color 44.8235, 0.3694, 0.3413 is a light color, and the websafe version is hex CC9999. A complement of this color would be 56.7830, 0.2714, 0.3163, and the grayscale version is 46.1521, 0.3127, 0.3290.

A 20% lighter version of the original color is 78.2560, 0.3435, 0.3392, and 20.8791, 0.3857, 0.3437 is the 20% darker color. If you saturate the color by 10%, you get 37.9821, 0.3984, 0.3460, and if you desaturate by 10%, it is 52.7263, 0.3453, 0.3366.

Distribution

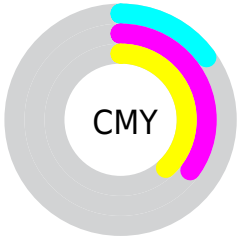


- Red (85%)
- Green (65%)
- Blue (62%)



- Red (85%)
- Yellow (66%)
- Blue (62%)

- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (15%)



- Cyan (15%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8235, 0.3694, 0.3413 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 44.8235, 0.3694, 0.3413 by changing the saturation by 10% instead.

44.8235, 0.3694, 0.3413

44.8235, 0.3694, 0.3413

366.0583, 0.3406, 0.3357

31.3184, 0.3767, 0.3425

82.4555, 0.3588, 0.3394

20.8414, 0.3862, 0.3439

107.3512, 0.3549, 0.3387

13.0082, 0.3988, 0.3456

136.8126, 0.3516, 0.3380

7.4342, 0.4167, 0.3475

171.2240, 0.3488, 0.3374

3.7351, 0.4435, 0.3493

210.9699, 0.3463, 0.3369

1.5265, 0.4908, 0.3518

256.4346, 0.3442,

0.3073, 0.6966,

0.3365

0.3034

308.0026, 0.3423, 0.3361

0.0000, 0.0000, 0.0000

44.8235, 0.3694, 0.3413

44.8235, 0.3694, 0.3413

37.9821, 0.3984, 0.3460

52.7263, 0.3453, 0.3366

32.1507, 0.4328, 0.3503

61.7266, 0.3255, 0.3322

27.2829, 0.4720, 0.3536

71.8665, 0.3091, 0.3281

23.3263, 0.5145, 0.3552

83.1841, 0.2957, 0.3243

20.2234, 0.5567, 0.3543

93.4875, 0.2900, 0.3289

17.9097, 0.5934, 0.3502

16.3100, 0.6196, 0.3436

16.0231, 0.6246, 0.3422

Harmonies

Analogous

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

44.8235, 0.3528, 0.3167

44.8235, 0.3694, 0.3413

44.8235, 0.3698, 0.3642

Triad

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

44.8235, 0.3694, 0.3413

44.8235, 0.2984, 0.3661

44.8235, 0.2713, 0.2807

Complementary

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

44.8235, 0.3694, 0.3413

56.7830, 0.2714, 0.3163

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.

44.8235, 0.2584, 0.2909

44.8235, 0.3694, 0.3413

44.8235, 0.2735, 0.3402

Square

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

44.8235, 0.3694, 0.3413

44.8235, 0.3280, 0.3805

44.8235, 0.2592, 0.3123

44.8235, 0.2954, 0.2828

Rectangle

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

44.8235, 0.3694, 0.3413

44.8235, 0.3611, 0.3755

44.8235, 0.2592, 0.3123

44.8235, 0.2656, 0.2828

Sweetspot

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

44.8256, 0.3694, 0.3413

88.3877, 0.3262, 0.3324

43.3667, 0.3246, 0.2711

18.4769, 0.3290, 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.

44.8256, 0.3694, 0.3413

58.8509, 0.3852, 0.3440

57.1069, 0.3600, 0.3762

13.4010, 0.3287, 0.3330

9.8063, 0.6227, 0.3438

0.7449, 0.5936, 0.3668

Inverse Universe

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

56.7830, 0.2714, 0.3163

78.7418, 0.2636, 0.3133

43.6185, 0.2674, 0.2768

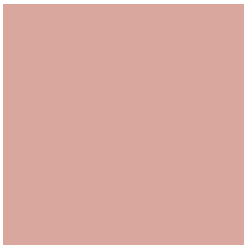
14.4401, 0.2982, 0.3250

23.1150, 0.2098, 0.2751

1.5978, 0.2125, 0.2848

Previews

White Background

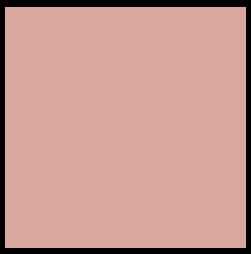


This preview shows how the Yxy color 44.8235, 0.3694, 0.3413 looks on a white background.

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



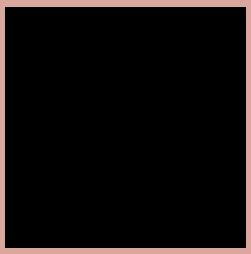
This preview shows how the Yxy color 44.8235, 0.3694, 0.3413 looks on a black background.

Color Contrast Check

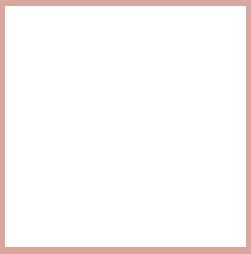
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 44.8235, 0.3694, 0.3413 Background



This preview shows how black text looks on a background with the Yxy color 44.8235, 0.3694, 0.3413.



This preview shows how white text looks on a background with the Yxy color 44.8235, 0.3694, 0.3413.

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

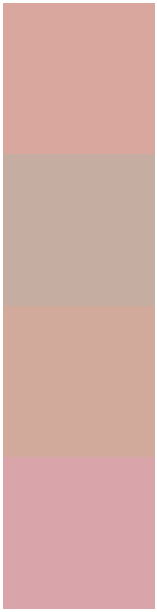
Original Color
44.8235, 0.3694, 0.3413

Protanopia
44.9242, 0.3322, 0.3489

Deuteranopia
44.7427, 0.3565, 0.3493

Tritanopia
44.7853, 0.3531, 0.3136

Trichromacy



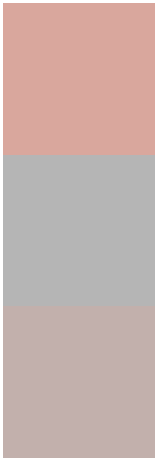
Original Color
44.8235, 0.3694, 0.3413

Protanomaly
44.7156, 0.3449, 0.3458

Deuteranomaly
44.7051, 0.3618, 0.3466

Tritanomaly
44.7180, 0.3586, 0.3231

Monochromacy



Original Color
44.8235, 0.3694, 0.3413

Achromatopsia
46.2077, 0.3127, 0.3290

Achromatomaly
45.4986, 0.3321, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8235, 0.3694, 0.3413 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, 167, 157) looks like.

```
.text, #text, p{
    color:rgb(217, 167, 157)
}
```

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, 167, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 167, 157) }
```

Border

The CSS property to change the border of an element to Yxy 44.8235, 0.3694, 0.3413 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, 167, 157) }
```

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

```
.border{ border-color:rgb(217, 167, 157) }
```

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

Here you see how a box with a 4 pixel rgb(217, 167, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 167, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 167, 157); box-shadow:4px 4px 4px 4px rgb(217, 167, 157) }
```

Background

The CSS property to change the background color of an element to Yxy 44.8235, 0.3694, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(217, 167, 157) }
```

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

```
.background{ background-color:rgb(217,
167, 157) }
```

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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