

Converting Colors

$Yxy(44.7398, 0.3788, 0.3435)$

Have a look what the booklet for
Yxy(44.7398, 0.3788, 0.3435)
contains.

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Color

Yxy(44.7398, 0.3788, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	DEA599
RGB	222, 165, 153
RGB Percent	87%, 65%, 60%
CMY	0.1293, 0.3530, 0.4000
CMYK	0.00, 0.26, 0.31, 0.13
HSL	10°, 51%, 74%
HSV	10°, 31%, 87%
XYZ	49.3375, 44.7398, 36.1696
YIQ	180.6750, 37.8240, 8.3520

Conversions

Conversions Part 2

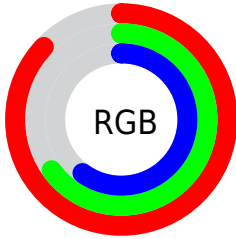
Format	Color
R _Y B	222, 168, 153
Decimal	14591385
CIE Lab	72.72, 19.42, 14.45
CIE LCh	73, 24.209, 36.655
Yxy	44.7398, 0.3788, 0.3435
Android (android.graphics.Color)	4292781465 (0xFFDEA599)
YUV	180.6750, -13.6438, 36.2420
Hunter-Lab	66.8878, 14.6108, 14.7604

Details

The Yxy color **44.7398, 0.3788, 0.3435** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.1631, 0.2665, 0.3139**, and the grayscale version is **46.0854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9514, 0.3474, 0.3423**, and **20.7689, 0.3976, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **37.9253, 0.4096, 0.3483**, and if you desaturate by 10%, it is **52.6444, 0.3531, 0.3386**.

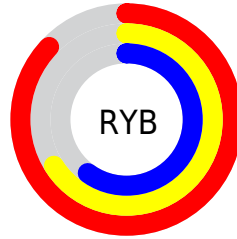
Distribution



Red (87%)

Green (65%)

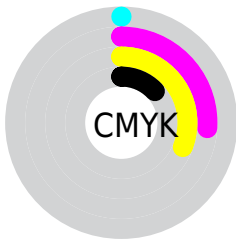
Blue (60%)



Red (87%)

Yellow (66%)

Blue (60%)

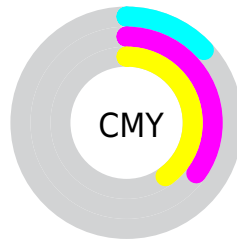


Cyan (0%)

Magenta (26%)

Yellow (31%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7398, 0.3788, 0.3435 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 44.7398, 0.3788, 0.3435 by changing the saturation by 10% instead.


 44.7398, 0.3788,
0.3435

 44.7398, 0.3788,
0.3435


365.7187, 0.3452,
0.3371

 31.2525, 0.3873,
0.3448


 82.3298, 0.3665,
0.3414

 20.7912, 0.3983,
0.3464


 107.2013, 0.3619,
0.3405

 12.9715, 0.4131,
0.3481


136.6364, 0.3580,
0.3397

 7.4089, 0.4337,
0.3500

171.0194, 0.3547,
0.3391

 3.7191, 0.4646,
0.3514

210.7348, 0.3518,
0.3385

 1.5177, 0.5226,
0.3551

256.1668, 0.3494,

 0.3011, 0.7163,

0.3380

0.2837

307.7000, 0.3472,
0.3375

0.0000, 0.0000,
0.0000

44.7398, 0.3788,
0.3435

44.7398, 0.3788,
0.3435

37.9253, 0.4096,
0.3483

52.6444, 0.3531,
0.3386

32.1467, 0.4456,
0.3525

61.6777, 0.3319,
0.3339

27.3548, 0.4860,
0.3555

71.8840, 0.3144,
0.3295

23.4936, 0.5288,
0.3564

83.3033, 0.3001,
0.3254

20.5016, 0.5695,
0.3543

94.2757, 0.2929,
0.3289

■ 18.3092, 0.6029,
0.3491

■ 16.9589, 0.6238,
0.3429

Harmonies

Analogous

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



44.7398, 0.3599, 0.3153



44.7398, 0.3788, 0.3435



44.7398, 0.3787, 0.3699

Triad

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



44.7398, 0.3788, 0.3435



44.7398, 0.2952, 0.3716



44.7398, 0.2655, 0.2733

Complementary

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



44.7398, 0.3788, 0.3435



58.1631, 0.2665, 0.3139

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.



44.7398, 0.2505, 0.2844



44.7398, 0.3788, 0.3435



44.7398, 0.2668, 0.3411

Square

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



44.7398, 0.3788, 0.3435



44.7398, 0.3293, 0.3889



44.7398, 0.2509, 0.3086



44.7398, 0.2934, 0.2762

Rectangle

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



44.7398, 0.3788, 0.3435



44.7398, 0.3681, 0.3830



44.7398, 0.2509, 0.3086



44.7398, 0.2589, 0.2754

Sweetspot

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



44.7419, 0.3788, 0.3435



87.1012, 0.3281, 0.3330



42.9963, 0.3265, 0.2637



18.2239, 0.3308, 0.3336



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.



44.7419, 0.3788, 0.3435



55.2812, 0.3972, 0.3465



58.6935, 0.3669, 0.3824



14.0835, 0.3288, 0.3331



10.1817, 0.6217, 0.3446



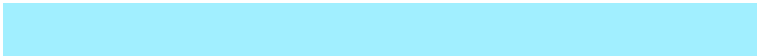
0.8221, 0.5939, 0.3666

Inverse Universe

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



58.1631, 0.2665, 0.3139



76.2653, 0.2582, 0.3104



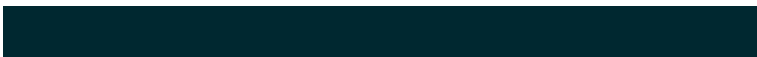
43.1023, 0.2612, 0.2690



15.1459, 0.2982, 0.3248



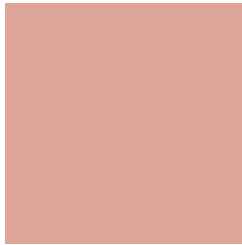
23.5009, 0.2091, 0.2728



1.7370, 0.2118, 0.2824

Previews

White Background



This preview shows how the Yxy color 44.7398, 0.3788, 0.3435 looks on a white background.

Color Contrast Check

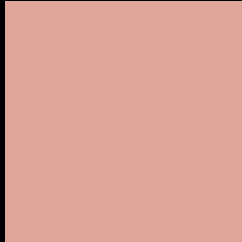
Large Text (above 18pt) WCAG AA × Fail

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 44.7398, 0.3788, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

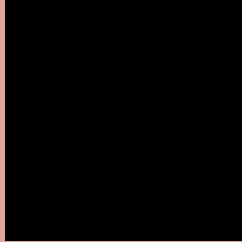
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7398, 0.3788, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 44.7398, 0.3788, 0.3435.



This preview shows how white text looks on a background with the Yxy color 44.7398, 0.3788, 0.3435.

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

44.7398, 0.3788, 0.3435

Protanopia

44.8180, 0.3348, 0.3529

Deuteranopia

44.8939, 0.3620, 0.3543



Tritanopia

44.7439, 0.3612, 0.3151

Trichromacy



Original Color

44.7398, 0.3788, 0.3435

Protanomaly

44.4636, 0.3506, 0.3496

Deuteranomaly

44.6400, 0.3687, 0.3501

Tritanomaly

44.6355, 0.3677, 0.3256

Monochromacy



Original Color

44.7398, 0.3788, 0.3435

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.3360, 0.3350, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7398, 0.3788, 0.3435 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(222, 165, 153)` looks like.

```
.text, #text, p{  
    color:rgb(222, 165, 153)  
}
```

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(222, 165, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 165, 153) }
```

Border

The CSS property to change the border of an element to Yxy 44.7398, 0.3788, 0.3435 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(222, 165, 153) }
```

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

```
.border{ border-color:rgb(222, 165, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 165, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 165, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 165, 153);  
box-shadow:4px 4px 4px 4px rgb(222, 165,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7398, 0.3788, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 165, 153) }
```

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

```
.background{ background-color: rgb(222,  
165, 153) }
```

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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