

Converting Colors

$Yxy(44.4839, 0.3762, 0.3473)$

Have a look what the booklet for
Yxy(44.4839, 0.3762, 0.3473)
contains.

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Color

Yxy(44.4122, 0.3765, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	DAA697
RGB	218, 166, 151
RGB Percent	85%, 65%, 59%
CMY	0.1449, 0.3491, 0.4078
CMYK	0.00, 0.24, 0.31, 0.14
HSL	13°, 48%, 72%
HSV	13°, 31%, 86%
XYZ	48.1463, 44.4122, 35.3200
YIQ	179.8380, 35.8070, 6.3590

Conversions

Conversions Part 2

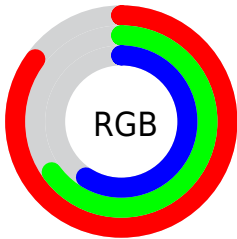
Format	Color
R _Y B	218, 170, 151
Decimal	14329495
CIE Lab	72.50, 17.10, 15.17
CIE LCh	73, 22.858, 41.585
Yxy	44.4122, 0.3765, 0.3473
Android (android.graphics.Color)	4292519575 (0xFFDAA697)
YUV	179.8380, -14.2171, 33.4681
Hunter-Lab	66.6425, 12.3340, 15.2265

Details

The Yxy color $44.4122, 0.3765, 0.3473$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $54.3929, 0.2665, 0.3098$, and the grayscale version is $45.6166, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.3807, 0.3486, 0.3453$, and $20.6361, 0.3957, 0.3517$ is the 20% darker color. If you saturate the color by 10%, you get $38.0137, 0.4059, 0.3534$, and if you desaturate by 10%, it is $51.7567, 0.3517, 0.3411$.

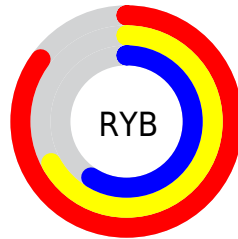
Distribution



Red (85%)

Green (65%)

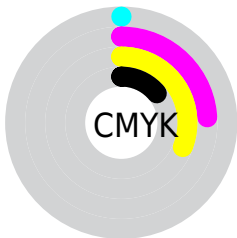
Blue (59%)



Red (85%)

Yellow (67%)

Blue (59%)

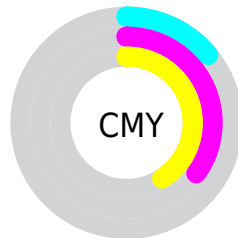


Cyan (0%)

Magenta (24%)

Yellow (31%)

Black (14%)



Cyan (14%)

Magenta (35%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4122, 0.3765, 0.3473 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 44.4122, 0.3765, 0.3473 by changing the saturation by 10% instead.


 44.4122, 0.3765,
0.3473

 44.4122, 0.3765,
0.3473


364.3877, 0.3441,
0.3389

 30.9947, 0.3847,
0.3491


 81.8376, 0.3646,
0.3444

 20.5948, 0.3954,
0.3514


 106.6144, 0.3602,
0.3433

 12.8281, 0.4096,
0.3540


135.9463, 0.3564,
0.3423

 7.3103, 0.4297,
0.3571


170.2178, 0.3532,
0.3414

 3.6569, 0.4596,
0.3603

209.8133, 0.3505,
0.3407

 1.4836, 0.5192,
0.3696

255.1172, 0.3481,

 0.2771, 0.7107,

0.3400

0.2893

306.5139, 0.3459,
0.3394

0.0000, 0.0000,
0.0000

44.4122, 0.3765,
0.3473

44.4122, 0.3765,
0.3473

38.0137, 0.4059,
0.3534

51.7567, 0.3517,
0.3411

32.5161, 0.4401,
0.3590

60.0772, 0.3310,
0.3350

27.8803, 0.4785,
0.3631

69.4104, 0.3139,
0.3294

24.0613, 0.5191,
0.3648

79.7889, 0.2996,
0.3242

21.0103, 0.5584,
0.3631

90.9151, 0.2904,
0.3245

■ 18.6725, 0.5918,
0.3575

■ 93.6521, 0.2906,
0.3289

■ 17.0831, 0.6149,
0.3500

Harmonies

Analogous

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



44.4122, 0.3613, 0.3204



44.4122, 0.3765, 0.3473



44.4122, 0.3734, 0.3713

Triad

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



44.4122, 0.3765, 0.3473



44.4122, 0.2911, 0.3651



44.4122, 0.2716, 0.2757

Complementary

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



44.4122, 0.3765, 0.3473



54.3929, 0.2665, 0.3098

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.



44.4122, 0.2550, 0.2841



44.4122, 0.3765, 0.3473



44.4122, 0.2658, 0.3353

Square

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



44.4122, 0.3765, 0.3473



44.4122, 0.3232, 0.3840



44.4122, 0.2529, 0.3053



44.4122, 0.2996, 0.2804

Rectangle

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



44.4122, 0.3765, 0.3473



44.4122, 0.3617, 0.3824



44.4122, 0.2529, 0.3053



44.4122, 0.2646, 0.2770

Sweetspot

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



44.4143, 0.3765, 0.3473



87.7588, 0.3279, 0.3341



41.3878, 0.3293, 0.2681



18.3847, 0.3307, 0.3349



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.



44.4143, 0.3765, 0.3473



57.1620, 0.3953, 0.3514



58.0183, 0.3650, 0.3854



13.5208, 0.3286, 0.3343



10.3628, 0.6125, 0.3519



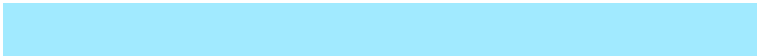
0.8010, 0.5807, 0.3771

Inverse Universe

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



54.3929, 0.2665, 0.3098



73.5668, 0.2574, 0.3050



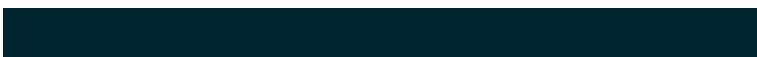
40.3979, 0.2614, 0.2653



14.3105, 0.2982, 0.3237



20.2707, 0.2044, 0.2557



1.4371, 0.2081, 0.2690

Previews

White Background



This preview shows how the Yxy color 44.4122, 0.3765, 0.3473 looks on a white background.

Color Contrast Check

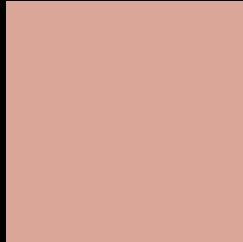
Large Text (above 18pt) WCAG AA × Fail

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 44.4122, 0.3765, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

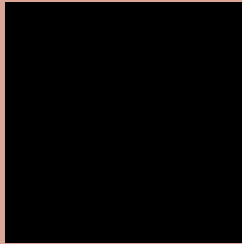
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4122, 0.3765, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 44.4122, 0.3765, 0.3473.



This preview shows how white text looks on a background with the Yxy color 44.4122, 0.3765, 0.3473.

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

44.4122, 0.3765, 0.3473

Protanopia

44.7142, 0.3373, 0.3569

Deuteranopia

44.3070, 0.3632, 0.3557



Tritanopia

44.3080, 0.3574, 0.3137

Trichromacy



Original Color

44.4122, 0.3765, 0.3473

Protanomaly

44.6444, 0.3511, 0.3535

Deuteranomaly

44.2796, 0.3687, 0.3528

Tritanomaly

44.1632, 0.3649, 0.3256

Monochromacy



Original Color

44.4122, 0.3765, 0.3473

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.9939, 0.3349, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4122, 0.3765, 0.3473 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(218, 166, 151)` looks like.

```
.text, #text, p{  
    color:rgb(218, 166, 151)  
}
```

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(218, 166, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 166, 151) }
```

Border

The CSS property to change the border of an element to Yxy 44.4122, 0.3765, 0.3473 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(218, 166, 151) }
```

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

```
.border{ border-color:rgb(218, 166, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 166, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 166, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 166, 151);  
box-shadow:4px 4px 4px 4px rgb(218, 166,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4122, 0.3765, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 166, 151) }
```

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

```
.background{ background-color: rgb(218,  
166, 151) }
```

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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