

Converting Colors

$Yxy(44.5045, 0.3893, 0.3589)$

Have a look what the booklet for
Yxy(44.5045, 0.3893, 0.3589)
contains.

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Color

Yxy(44.5677, 0.3889, 0.3592)

Conversions

Conversions Part 1

Format	Color
Hex	DDA68D
RGB	221, 166, 141
RGB Percent	87%, 65%, 55%
CMY	0.1335, 0.3489, 0.4471
CMYK	0.00, 0.25, 0.36, 0.13
HSL	19°, 54%, 71%
HSV	19°, 36%, 87%
XYZ	48.2527, 44.5677, 31.2545
YIQ	179.5950, 40.8050, 3.8850

Conversions

Conversions Part 2

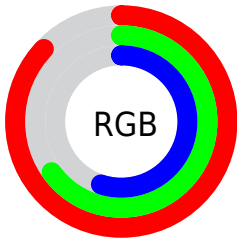
Format	Color
R _Y B	221, 177, 141
Decimal	14526093
CIE _{Lab}	72.61, 16.95, 20.84
CIE _{LCh}	73, 26.859, 50.882
Yxy	44.5677, 0.3889, 0.3592
Android (android.graphics.Color)	4292716173 (0xFFDDA68D)
YUV	179.5950, -19.0273, 36.3122
Hunter-Lab	66.7590, 12.1896, 18.9736

Details

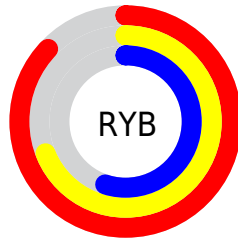
The Yxy color **44.5677, 0.3889, 0.3592** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.3261, 0.2576, 0.2963**, and the grayscale version is **45.5007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9130, 0.3558, 0.3556**, and **20.6825, 0.4104, 0.3656** is the 20% darker color. If you saturate the color by 10%, you get **38.7786, 0.4186, 0.3675**, and if you desaturate by 10%, it is **51.1436, 0.3632, 0.3505**.

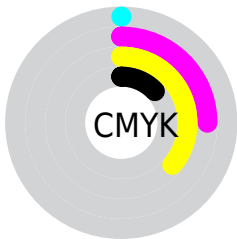
Distribution



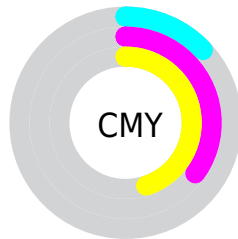
- Red (87%)
- Green (65%)
- Blue (55%)



- Red (87%)
- Yellow (69%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (36%)
- Black (13%)





- Cyan (13%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5677, 0.3889, 0.3592 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 44.5677, 0.3889, 0.3592 by changing the saturation by 10% instead.


 44.5677, 0.3889,
0.3592

 44.5677, 0.3889,
0.3592


365.0199, 0.3502,
0.3452

 31.1171, 0.3986,
0.3623


 82.0713, 0.3748,
0.3544

 20.6880, 0.4112,
0.3660


 106.8931, 0.3695,
0.3525

 12.8961, 0.4278,
0.3704


 136.2740, 0.3650,
0.3509

 7.3571, 0.4509,
0.3756

170.5985, 0.3612,
0.3494

 3.6864, 0.4845,
0.3810

210.2509, 0.3579,
0.3482

 1.4997, 0.5731,
0.4098

255.6157, 0.3550,

 0.2885, 0.7045,

0.3471

0.2955

307.0772, 0.3525,
0.3461

0.0000, 0.0000,
0.0000

44.5677, 0.3889,
0.3592

44.5677, 0.3889,
0.3592

38.7786, 0.4186,
0.3675

51.1436, 0.3632,
0.3505

33.7396, 0.4520,
0.3746

58.5286, 0.3413,
0.3420

29.4202, 0.4880,
0.3794

66.7520, 0.3227,
0.3338

25.7854, 0.5244,
0.3807

75.8396, 0.3071,
0.3262

22.7964, 0.5582,
0.3774

85.8162, 0.2939,
0.3191

■ 20.4097, 0.5858,
0.3694

■ 94.1056, 0.2923,
0.3289

■ 19.6429, 0.5949,
0.3658

Harmonies

Analogous

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



44.5677, 0.3775, 0.3282



44.5677, 0.3889, 0.3592



44.5677, 0.3783, 0.3850

Triad

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



44.5677, 0.3889, 0.3592



44.5677, 0.2769, 0.3615



44.5677, 0.2736, 0.2672

Complementary

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



44.5677, 0.3889, 0.3592



50.3261, 0.2576, 0.2963

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.



44.5677, 0.2498, 0.2718



44.5677, 0.3889, 0.3592



44.5677, 0.2515, 0.3245

Square

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



44.5677, 0.3889, 0.3592



44.5677, 0.3127, 0.3893



44.5677, 0.2420, 0.2918



44.5677, 0.3090, 0.2772

Rectangle

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



44.5677, 0.3889, 0.3592



44.5677, 0.3610, 0.3953



44.5677, 0.2420, 0.2918



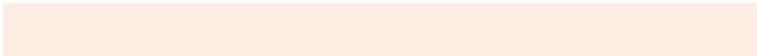
44.5677, 0.2641, 0.2671

Sweetspot

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



44.5698, 0.3889, 0.3592



86.6394, 0.3314, 0.3377



38.4425, 0.3396, 0.2643



18.2136, 0.3340, 0.3389



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.



44.5698, 0.3889, 0.3592



55.8268, 0.4097, 0.3652



60.9343, 0.3729, 0.4026



13.7133, 0.3284, 0.3364



11.5946, 0.5921, 0.3680



0.9026, 0.5600, 0.3936

Inverse Universe

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



50.3261, 0.2576, 0.2963



64.8127, 0.2474, 0.2886



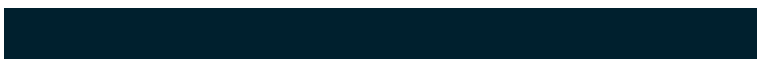
34.9889, 0.2501, 0.2425



14.1061, 0.2982, 0.3215



16.2543, 0.1956, 0.2240



1.2044, 0.2009, 0.2431

Previews

White Background



This preview shows how the Yxy color 44.5677, 0.3889, 0.3592 looks on a white background.

Color Contrast Check

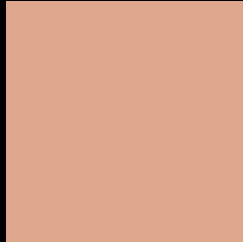
Large Text (above 18pt) WCAG AA × Fail

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 44.5677, 0.3889, 0.3592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

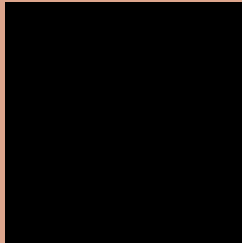
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5677, 0.3889, 0.3592

Background



This preview shows how black text looks on a background with the Yxy color 44.5677, 0.3889, 0.3592.



This preview shows how white text looks on a background with the Yxy color 44.5677, 0.3889, 0.3592.

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

44.5677, 0.3889, 0.3592

Protanopia

44.7662, 0.3487, 0.3701

Deuteranopia

44.5746, 0.3762, 0.3678



Tritanopia

44.3930, 0.3615, 0.3139

Trichromacy



Original Color

44.5677, 0.3889, 0.3592

Protanomaly

44.7339, 0.3629, 0.3662

Deuteranomaly

44.4155, 0.3809, 0.3649

Tritanomaly

44.4910, 0.3716, 0.3304

Monochromacy



Original Color

44.5677, 0.3889, 0.3592

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.0152, 0.3384, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5677, 0.3889, 0.3592 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(221, 166, 141)` looks like.

```
.text, #text, p{  
    color:rgb(221, 166, 141)  
}
```

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(221, 166, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 166, 141) }
```

Border

The CSS property to change the border of an element to Yxy 44.5677, 0.3889, 0.3592 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(221, 166, 141) }
```

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

```
.border{ border-color:rgb(221, 166, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 166, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 166, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 166, 141);  
box-shadow:4px 4px 4px 4px rgb(221, 166,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5677, 0.3889, 0.3592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 166, 141) }
```

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

```
.background{ background-color: rgb(221,  
166, 141) }
```

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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