

Converting Colors

$Yxy(45.4503, 0.3906, 0.3678)$

Have a look what the booklet for
Yxy(45.4503, 0.3906, 0.3678)
contains.

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Color

Yxy(45.3977, 0.3904, 0.3676)

Conversions

Conversions Part 1

Format	Color
Hex	DCA989
RGB	220, 169, 137
RGB Percent	86%, 66%, 54%
CMY	0.1373, 0.3372, 0.4628
CMYK	0.00, 0.23, 0.38, 0.14
HSL	23°, 54%, 70%
HSV	23°, 38%, 86%
XYZ	48.2134, 45.3977, 29.8864
YIQ	180.6010, 40.6680, 0.8600

Conversions

Conversions Part 2

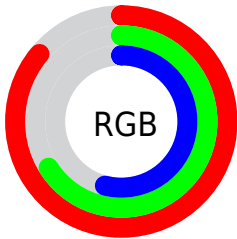
Format	Color
R_{YB}	220, 189, 137
Decimal	14461321
CIE _{Lab}	73.15, 14.48, 23.73
CIE _{LCh}	73, 27.804, 58.611
Yxy	45.3977, 0.3904, 0.3676
Android (android.graphics.Color)	4292651401 (0xFFDCA989)
YUV	180.6010, -21.4953, 34.5529
Hunter-Lab	67.3778, 9.8178, 20.8655

Details

The Yxy color $45.3977, 0.3904, 0.3676$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $46.4336, 0.2542, 0.2864$, and the grayscale version is $46.0838, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.3329, 0.3579, 0.3627$, and $21.1972, 0.4121, 0.3767$ is the 20% darker color. If you saturate the color by 10%, you get $40.0612, 0.4186, 0.3776$, and if you desaturate by 10%, it is $51.3866, 0.3655, 0.3570$.

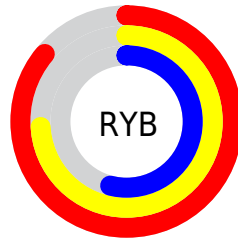
Distribution



Red (86%)

Green (66%)

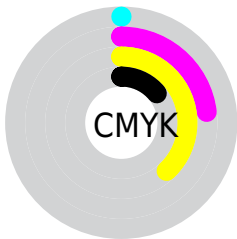
Blue (54%)



Red (86%)

Yellow (74%)

Blue (54%)

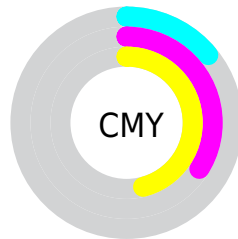


Cyan (0%)

Magenta (23%)

Yellow (38%)

Black (14%)



Cyan (14%)

Magenta (34%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3977, 0.3904, 0.3676 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 45.3977, 0.3904, 0.3676 by changing the saturation by 10% instead.


 45.3977, 0.3904,
0.3676

 45.3977, 0.3904,
0.3676


368.3819, 0.3512,
0.3495

 31.7708, 0.4002,
0.3717


 83.3169, 0.3761,
0.3613

 21.1865, 0.4127,
0.3766


 108.3779, 0.3708,
0.3589

 13.2604, 0.4292,
0.3826


 138.0192, 0.3662,
0.3568

 7.6081, 0.4518,
0.3898

172.6250, 0.3624,
0.3549

 3.8452, 0.4841,
0.3978

212.5798, 0.3590,
0.3533

 1.5874, 0.5687,
0.4313

258.2679, 0.3561,

 0.3491, 0.6625,

0.3519

0.3375

310.0738, 0.3535,
0.3506

0.0000, 0.0000,
0.0000

45.3977, 0.3904,
0.3676

45.3977, 0.3904,
0.3676

40.0612, 0.4186,
0.3776

51.3866, 0.3655,
0.3570

35.3471, 0.4497,
0.3863

58.0438, 0.3438,
0.3465

31.2324, 0.4826,
0.3922

65.3925, 0.3252,
0.3364

27.6899, 0.5154,
0.3943

73.4526, 0.3093,
0.3269

24.6894, 0.5454,
0.3914

82.2436, 0.2957,
0.3181

■ 22.1953, 0.5703,
0.3833

■ 90.8502, 0.2916,
0.3239

■ 21.6902, 0.5755,
0.3812

■ 93.9523, 0.2917,
0.3289

Harmonies

Analogous

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



45.3977, 0.3846, 0.3364



45.3977, 0.3904, 0.3676



45.3977, 0.3741, 0.3915

Triad

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



45.3977, 0.3904, 0.3676



45.3977, 0.2678, 0.3529



45.3977, 0.2810, 0.2669

Complementary

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



45.3977, 0.3904, 0.3676



46.4336, 0.2542, 0.2864

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.



45.3977, 0.2529, 0.2675



45.3977, 0.3904, 0.3676



45.3977, 0.2457, 0.3147

Square

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



45.3977, 0.3904, 0.3676



45.3977, 0.3026, 0.3855



45.3977, 0.2405, 0.2839



45.3977, 0.3192, 0.2806

Rectangle

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



45.3977, 0.3904, 0.3676



45.3977, 0.3537, 0.3991



45.3977, 0.2405, 0.2839



45.3977, 0.2701, 0.2654

Sweetspot

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



45.3999, 0.3904, 0.3676



87.8203, 0.3312, 0.3397



36.7407, 0.3482, 0.2691



18.4939, 0.3337, 0.3411



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.



45.3999, 0.3904, 0.3676



57.6608, 0.4117, 0.3754



63.2586, 0.3728, 0.4127



13.8712, 0.3282, 0.3381



12.9331, 0.5728, 0.3834



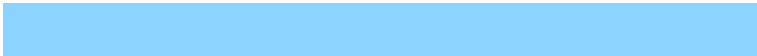
1.0018, 0.5425, 0.4074

Inverse Universe

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



46.4336, 0.2542, 0.2864



59.2686, 0.2428, 0.2761



31.2515, 0.2457, 0.2284



13.9419, 0.2982, 0.3198



13.4428, 0.1883, 0.1980



1.0360, 0.1949, 0.2217

Previews

White Background



This preview shows how the Yxy color 45.3977, 0.3904, 0.3676 looks on a white background.

Color Contrast Check

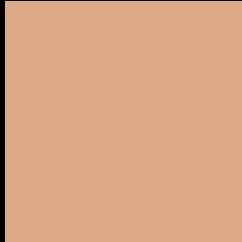
Large Text (above 18pt) WCAG AA × Fail

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 45.3977, 0.3904, 0.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

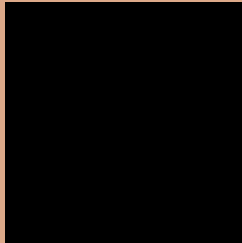
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3977, 0.3904, 0.3676

Background



This preview shows how black text looks on a background with the Yxy color 45.3977, 0.3904, 0.3676.



This preview shows how white text looks on a background with the Yxy color 45.3977, 0.3904, 0.3676.

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

45.3977, 0.3904, 0.3676

Protanopia

45.6719, 0.3542, 0.3790

Deuteranopia

45.6618, 0.3819, 0.3747



Tritanopia

45.5328, 0.3588, 0.3151

Trichromacy



Original Color

45.3977, 0.3904, 0.3676

Protanomaly

45.5007, 0.3676, 0.3749

Deuteranomaly

45.7297, 0.3852, 0.3731

Tritanomaly

45.5690, 0.3707, 0.3339

Monochromacy



Original Color

45.3977, 0.3904, 0.3676

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.7630, 0.3389, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3977, 0.3904, 0.3676 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(220, 169, 137)` looks like.

```
.text, #text, p{  
    color:rgb(220, 169, 137)  
}
```

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(220, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 169, 137) }
```

Border

The CSS property to change the border of an element to Yxy 45.3977, 0.3904, 0.3676 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(220, 169, 137) }
```

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

```
.border{ border-color:rgb(220, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 169, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 169, 137);  
box-shadow:4px 4px 4px 4px rgb(220, 169,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3977, 0.3904, 0.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 169, 137) }
```

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

```
.background{ background-color: rgb(220,  
169, 137) }
```

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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