

Converting Colors

$Y_{xy}(45.7933, 0.3879, 0.3682)$

Have a look what the booklet for
Yxy(45.7933, 0.3879, 0.3682)
contains.

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Color

Yxy(45.6445, 0.3881, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	DBAA8A
RGB	219, 170, 138
RGB Percent	86%, 67%, 54%
CMY	0.1411, 0.3333, 0.4588
CMYK	0.00, 0.22, 0.37, 0.14
HSL	24°, 53%, 70%
HSV	24°, 37%, 86%
XYZ	48.1769, 45.6445, 30.3138
YIQ	181.0030, 39.4760, 0.4360

Conversions

Conversions Part 2

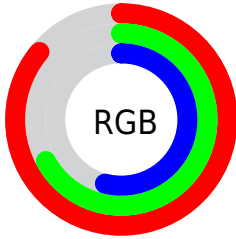
Format	Color
R_{YB}	219, 191, 138
Decimal	14396042
CIE _{Lab}	73.31, 13.69, 23.40
CIE _{LCh}	73, 27.105, 59.675
Yxy	45.6445, 0.3881, 0.3677
Android (android.graphics.Color)	4292586122 (0xFFDBAA8A)
YUV	181.0030, -21.2005, 33.3234
Hunter-Lab	67.5607, 9.0553, 20.6897

Details

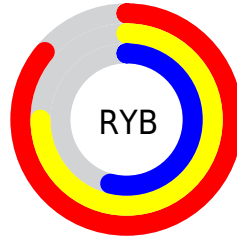
The Yxy color $45.6445, 0.3881, 0.3677$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $46.0585, 0.2551, 0.2864$, and the grayscale version is $46.3121, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.9162, 0.3570, 0.3627$, and $21.3428, 0.4087, 0.3770$ is the 20% darker color. If you saturate the color by 10%, you get $40.3556, 0.4158, 0.3780$, and if you desaturate by 10%, it is $51.5662, 0.3636, 0.3569$.

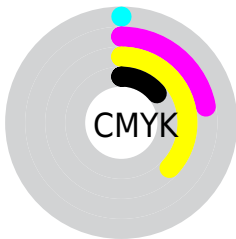
Distribution



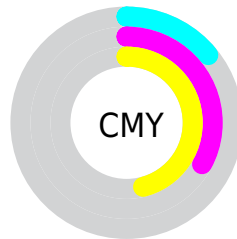
- Red (86%)
- Green (67%)
- Blue (54%)



- Red (86%)
- Yellow (75%)
- Blue (54%)



- Cyan (0%)
- Magenta (22%)
- Yellow (37%)
- Black (14%)





- Cyan (14%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.6445, 0.3881, 0.3677 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 45.6445, 0.3881, 0.3677 by changing the saturation by 10% instead.


 45.6445, 0.3881,
0.3677


 45.6445, 0.3881,
0.3677


369.3776, 0.3501,
0.3494

 31.9654, 0.3976,
0.3718


 83.6867, 0.3743,
0.3614

 21.3351, 0.4097,
0.3769


 108.8186, 0.3691,
0.3589

 13.3691, 0.4257,
0.3830


 138.5368, 0.3647,
0.3568

 7.6832, 0.4476,
0.3905

173.2259, 0.3609,
0.3549

 3.8929, 0.4789,
0.3991

213.2701, 0.3577,
0.3533

 1.6138, 0.5641,
0.4359

259.0538, 0.3548,

 0.3669, 0.6505,

0.3519

0.3495

310.9615, 0.3523,
0.3506

0.0000, 0.0000,
0.0000

45.6445, 0.3881,
0.3677

45.6445, 0.3881,
0.3677

40.3556, 0.4158,
0.3780

51.5662, 0.3636,
0.3569

35.6704, 0.4464,
0.3870

58.1355, 0.3423,
0.3461

31.5673, 0.4788,
0.3935

65.3745, 0.3239,
0.3358

28.0202, 0.5111,
0.3961

73.3026, 0.3082,
0.3262

25.0005, 0.5410,
0.3937

81.9381, 0.2948,
0.3172

■ 22.4753, 0.5660,
0.3861

■ 90.3360, 0.2910,
0.3233

■ 21.8015, 0.5729,
0.3833

■ 93.8012, 0.2912,
0.3289

Harmonies

Analogous

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



45.6445, 0.3832, 0.3374



45.6445, 0.3881, 0.3677



45.6445, 0.3716, 0.3905

Triad

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



45.6445, 0.3881, 0.3677



45.6445, 0.2680, 0.3510



45.6445, 0.2830, 0.2687

Complementary

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



45.6445, 0.3881, 0.3677



46.0585, 0.2551, 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.



45.6445, 0.2552, 0.2688



45.6445, 0.3881, 0.3677



45.6445, 0.2469, 0.3139

Square

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



45.6445, 0.3881, 0.3677



45.6445, 0.3016, 0.3830



45.6445, 0.2424, 0.2843



45.6445, 0.3205, 0.2825

Rectangle

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



45.6445, 0.3881, 0.3677



45.6445, 0.3514, 0.3973



45.6445, 0.2424, 0.2843



45.6445, 0.2723, 0.2671

Sweetspot

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



45.6467, 0.3881, 0.3677



87.9712, 0.3311, 0.3400



36.8658, 0.3473, 0.2703



18.5298, 0.3336, 0.3414



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.



45.6467, 0.3881, 0.3677



58.8328, 0.4083, 0.3754



62.7702, 0.3716, 0.4111



13.8913, 0.3282, 0.3383



13.1260, 0.5702, 0.3854



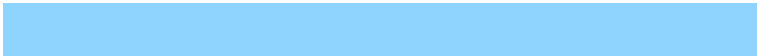
1.0155, 0.5403, 0.4092

Inverse Universe

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



46.0585, 0.2551, 0.2864



59.4667, 0.2441, 0.2762



31.5247, 0.2472, 0.2307



13.9211, 0.2982, 0.3195



13.1135, 0.1874, 0.1947



1.0159, 0.1942, 0.2189

Previews

White Background



This preview shows how the Yxy color 45.6445, 0.3881, 0.3677 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 45.6445, 0.3881, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

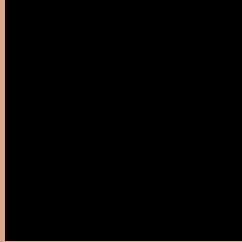
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.6445, 0.3881, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 45.6445, 0.3881, 0.3677.



This preview shows how white text looks on a background with the Yxy color 45.6445, 0.3881, 0.3677.

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

45.6445, 0.3881, 0.3677

Protanopia

45.8322, 0.3543, 0.3775

Deuteranopia

45.6903, 0.3810, 0.3735



Tritanopia

45.7726, 0.3567, 0.3150

Trichromacy



Original Color

45.6445, 0.3881, 0.3677

Protanomaly

45.5303, 0.3668, 0.3737

Deuteranomaly

45.7583, 0.3843, 0.3718

Tritanomaly

45.8114, 0.3685, 0.3339

Monochromacy



Original Color

45.6445, 0.3881, 0.3677

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 45.6445, 0.3881, 0.3677 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(219, 170, 138)` looks like.

```
.text, #text, p{  
    color:rgb(219, 170, 138)  
}
```

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(219, 170, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 170, 138) }
```

Border

The CSS property to change the border of an element to Yxy 45.6445, 0.3881, 0.3677 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(219, 170, 138) }
```

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

```
.border{ border-color:rgb(219, 170, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 170, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 170, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 170, 138);  
box-shadow:4px 4px 4px 4px rgb(219, 170,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6445, 0.3881, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 170, 138) }
```

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

```
.background{ background-color: rgb(219,  
170, 138) }
```

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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