

Converting Colors

$Y_{xy}(45.3838, 0.3829, 0.3650)$

Have a look what the booklet for
Yxy(45.3838, 0.3829, 0.3650)
contains.

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Color

Yxy(45.2715, 0.3824, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	D8AA8D
RGB	216, 170, 141
RGB Percent	85%, 67%, 55%
CMY	0.1531, 0.3333, 0.4470
CMYK	0.00, 0.21, 0.35, 0.15
HSL	23°, 49%, 70%
HSV	23°, 35%, 85%
XYZ	47.4947, 45.2715, 31.4354
YIQ	180.4480, 36.7250, 0.7330

Conversions

Conversions Part 2

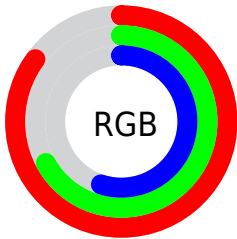
Format	Color
R _Y B	216, 188, 141
Decimal	14199437
CIE Lab	73.07, 12.85, 21.38
CIE LCh	73, 24.946, 59.005
Yxy	45.2715, 0.3824, 0.3645
Android (android.graphics.Color)	4292389517 (0xFFD8AA8D)
YUV	180.4480, -19.4479, 31.1791
Hunter-Lab	67.2841, 8.2530, 19.3983

Details

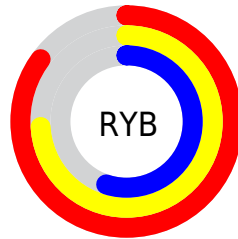
The Yxy color $45.2715, 0.3824, 0.3645$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $46.1410, 0.2588, 0.2903$, and the grayscale version is $45.9873, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.0506, 0.3549, 0.3596$, and $21.1858, 0.4023, 0.3728$ is the 20% darker color. If you saturate the color by 10%, you get $39.9754, 0.4096, 0.3748$, and if you desaturate by 10%, it is $51.1970, 0.3585, 0.3539$.

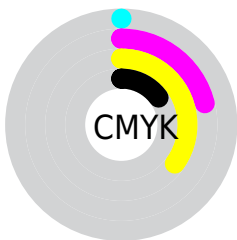
Distribution



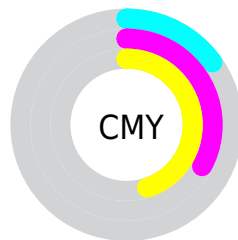
- Red (85%)
- Green (67%)
- Blue (55%)



- Red (85%)
- Yellow (74%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (35%)
- Black (15%)





- Cyan (15%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2715, 0.3824, 0.3645 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 45.2715, 0.3824, 0.3645 by changing the saturation by 10% instead.


 45.2715, 0.3824,
0.3645


 45.2715, 0.3824,
0.3645


367.8720, 0.3472,
0.3476

 31.6713, 0.3912,
0.3684


 83.1277, 0.3696,
0.3586

 21.1106, 0.4025,
0.3731


 108.1525, 0.3647,
0.3563

 13.2049, 0.4175,
0.3790


 137.7543, 0.3607,
0.3544

 7.5698, 0.4382,
0.3863

172.3175, 0.3572,
0.3527

 3.8209, 0.4682,
0.3951

212.2264, 0.3542,
0.3512

 1.5739, 0.5479,
0.4301

257.8656, 0.3516,

 0.3399, 0.6519,

0.3498

0.3481

309.6193, 0.3492,
0.3487

0.0000, 0.0000,
0.0000

45.2715, 0.3824,
0.3645

45.2715, 0.3824,
0.3645

39.9754, 0.4096,
0.3748

51.1970, 0.3585,
0.3539

35.2804, 0.4398,
0.3840

57.7665, 0.3379,
0.3434

31.1651, 0.4722,
0.3909

65.0017, 0.3202,
0.3335

27.6042, 0.5052,
0.3944

72.9217, 0.3050,
0.3242

24.5700, 0.5362,
0.3931

81.5444, 0.2921,
0.3156

■ 22.0314, 0.5628,
0.3865

■ 89.8424, 0.2892,
0.3233

■ 20.8709, 0.5750,
0.3816

■ 93.3342, 0.2894,
0.3289

Harmonies

Analogous

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



45.2715, 0.3773, 0.3363



45.2715, 0.3824, 0.3645



45.2715, 0.3677, 0.3856

Triad

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



45.2715, 0.3824, 0.3645



45.2715, 0.2720, 0.3501



45.2715, 0.2846, 0.2728

Complementary

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



45.2715, 0.3824, 0.3645



46.1410, 0.2588, 0.2903

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.



45.2715, 0.2590, 0.2734



45.2715, 0.3824, 0.3645



45.2715, 0.2520, 0.3160

Square

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



45.2715, 0.3824, 0.3645



45.2715, 0.3034, 0.3791



45.2715, 0.2475, 0.2883



45.2715, 0.3192, 0.2854

Rectangle

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



45.2715, 0.3824, 0.3645



45.2715, 0.3493, 0.3919



45.2715, 0.2475, 0.2883



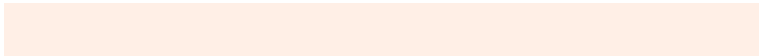
45.2715, 0.2748, 0.2715

Sweetspot

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



45.2736, 0.3824, 0.3645



88.8946, 0.3293, 0.3387



37.2430, 0.3445, 0.2740



18.7104, 0.3319, 0.3402



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.



45.2736, 0.3824, 0.3645



59.9414, 0.4030, 0.3725



61.2512, 0.3678, 0.4061



13.2011, 0.3281, 0.3381



12.5521, 0.5723, 0.3838



0.9152, 0.5402, 0.4093

Inverse Universe

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



46.1410, 0.2588, 0.2903



61.3717, 0.2472, 0.2800



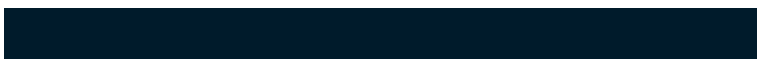
32.3524, 0.2518, 0.2379



13.2632, 0.2982, 0.3198



12.9819, 0.1883, 0.1977



0.9414, 0.1953, 0.2229

Previews

White Background



This preview shows how the Yxy color 45.2715, 0.3824, 0.3645 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 45.2715, 0.3824, 0.3645 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 45.2715, 0.3824, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 45.2715, 0.3824, 0.3645.



This preview shows how white text looks on a background with the Yxy color 45.2715, 0.3824, 0.3645.

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

45.2715, 0.3824, 0.3645

Protanopia

45.2317, 0.3510, 0.3739

Deuteranopia

45.1298, 0.3759, 0.3677



Tritanopia

45.3403, 0.3529, 0.3137

Trichromacy



Original Color

45.2715, 0.3824, 0.3645

Protanomaly

45.2064, 0.3613, 0.3702

Deuteranomaly

45.0460, 0.3782, 0.3662

Tritanomaly

45.4141, 0.3637, 0.3316

Monochromacy



Original Color

45.2715, 0.3824, 0.3645

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.1413, 0.3364, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2715, 0.3824, 0.3645 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(216, 170, 141)` looks like.

```
.text, #text, p{  
    color:rgb(216, 170, 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(216, 170, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 170, 141) }
```

Border

The CSS property to change the border of an element to Yxy 45.2715, 0.3824, 0.3645 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(216, 170, 141) }
```

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

```
.border{ border-color:rgb(216, 170, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 170, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 170, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 170, 141);  
box-shadow:4px 4px 4px 4px rgb(216, 170,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2715, 0.3824, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 170, 141) }
```

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

```
.background{ background-color: rgb(216,  
170, 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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