

Converting Colors

$Y_{xy}(45.4060, 0.3860, 0.3915)$

Have a look what the booklet for
Yxy(45.4060, 0.3860, 0.3915)
contains.

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Color

Yxy(45.4060, 0.3860, 0.3915)

Conversions

Conversions Part 1

Format	Color
Hex	CFAF7D
RGB	207, 175, 125
RGB Percent	81%, 69%, 49%
CMY	0.1881, 0.3137, 0.5098
CMYK	0.00, 0.15, 0.40, 0.19
HSL	37°, 46%, 65%
HSV	37°, 40%, 81%
XYZ	44.7681, 45.4060, 25.8055
YIQ	178.8680, 35.1220, -8.7660

Conversions

Conversions Part 2

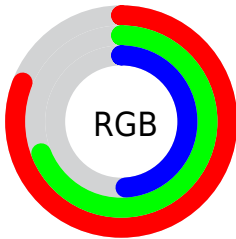
Format	Color
RYB	177, 207, 125
Decimal	13610877
CIELab	73.16, 4.72, 29.95
CIELCh	73, 30.322, 81.038
Yxy	45.4060, 0.3860, 0.3915
Android (android.graphics.Color)	4291800957 (0xFFCFAF7D)
YUV	178.8680, -26.5569, 24.6718
Hunter-Lab	67.3840, 0.6687, 24.4630

Details

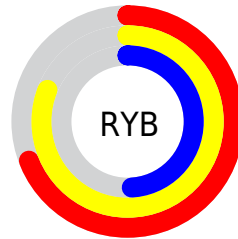
The Yxy color $45.4060, 0.3860, 0.3915$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $32.9873, 0.2473, 0.2567$, and the grayscale version is $45.1374, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.0680, 0.3654, 0.3818$, and $21.2532, 0.4060, 0.4086$ is the 20% darker color. If you saturate the color by 10%, you get $41.8803, 0.4084, 0.4067$, and if you desaturate by 10%, it is $49.2346, 0.3649, 0.3754$.

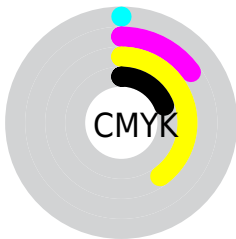
Distribution



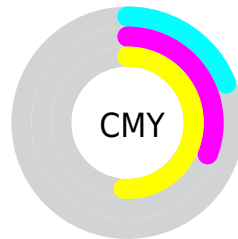
- Red (81%)
- Green (69%)
- Blue (49%)



- Red (69%)
- Yellow (81%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (19%)





- Cyan (19%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.4060, 0.3860, 0.3915 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 45.4060, 0.3860, 0.3915 by changing the saturation by 10% instead.


 45.4060, 0.3860,
0.3915


 45.4060, 0.3860,
0.3915


368.4154, 0.3495,
0.3610

 31.7773, 0.3949,
0.3987


 83.3293, 0.3729,
0.3807

 21.1915, 0.4061,
0.4076


 108.3928, 0.3679,
0.3766

 13.2640, 0.4206,
0.4188

 138.0366, 0.3636,
0.3730

 7.6106, 0.4396,
0.4329

172.6452, 0.3600,
0.3700

 3.8468, 0.4664,
0.4517

212.6030, 0.3569,
0.3673

 1.5882, 0.5150,
0.4850

258.2944, 0.3541,

 0.3497, 0.5615,

0.3650

0.4385

310.1037, 0.3517,
0.3629

0.0000, 0.0000,
0.0000

45.4060, 0.3860,
0.3915

45.4060, 0.3860,
0.3915

41.8803, 0.4084,
0.4067

49.2346, 0.3649,
0.3754

38.6408, 0.4314,
0.4200

53.3692, 0.3455,
0.3592

35.6789, 0.4541,
0.4302


57.8208, 0.3279,
0.3435


32.9821, 0.4753,
0.4363


62.5980, 0.3122,
0.3284


30.5366, 0.4938,
0.4373

67.7087, 0.2982,
0.3144


 28.3205, 0.5093,
0.4335

 73.1608, 0.2858,
0.3013

 28.2402, 0.5099,
0.4334

 77.9635, 0.2829,
0.3042

 82.6081, 0.2834,
0.3128

 87.4646, 0.2839,
0.3214

Harmonies

Analogous

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



45.4060, 0.3982, 0.3623



45.4060, 0.3860, 0.3915



45.4060, 0.3540, 0.4060

Triad

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



45.4060, 0.3860, 0.3915



45.4060, 0.2443, 0.3234



45.4060, 0.3086, 0.2715

Complementary

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



45.4060, 0.3860, 0.3915



32.9873, 0.2473, 0.2567

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.



45.4060, 0.2691, 0.2603



45.4060, 0.3860, 0.3915



45.4060, 0.2340, 0.2868

Square

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



45.4060, 0.3860, 0.3915



45.4060, 0.2723, 0.3654



45.4060, 0.2427, 0.2650



45.4060, 0.3519, 0.2956

Rectangle

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



45.4060, 0.3860, 0.3915



45.4060, 0.3265, 0.4029



45.4060, 0.2427, 0.2650



45.4060, 0.2944, 0.2662

Sweetspot

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



45.4081, 0.3860, 0.3915



90.7964, 0.3322, 0.3474



30.3972, 0.3712, 0.2876



19.2297, 0.3344, 0.3495



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.



45.4081, 0.3860, 0.3915



67.6707, 0.4060, 0.4052



58.2343, 0.3647, 0.4289



12.9903, 0.3276, 0.3432



17.9772, 0.5083, 0.4346



1.1571, 0.4877, 0.4510

Inverse Universe

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



32.9873, 0.2473, 0.2567



44.9736, 0.2319, 0.2367



24.1756, 0.2468, 0.2108



12.1639, 0.2982, 0.3144



6.7008, 0.1680, 0.1247



0.5272, 0.1783, 0.1618

Previews

White Background



This preview shows how the Yxy color 45.4060, 0.3860, 0.3915 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 45.4060, 0.3860, 0.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

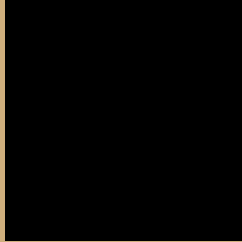
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4060, 0.3860, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 45.4060, 0.3860, 0.3915.



This preview shows how white text looks on a background with the Yxy color 45.4060, 0.3860, 0.3915.

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

45.4060, 0.3860, 0.3915

Protanopia

45.6442, 0.3697, 0.3979

Deuteranopia

45.3075, 0.3933, 0.3853



Tritanopia

45.4876, 0.3430, 0.3134

Trichromacy



Original Color

45.4060, 0.3860, 0.3915

Protanomaly

45.4893, 0.3761, 0.3957

Deuteranomaly

45.2424, 0.3899, 0.3871

Tritanomaly

45.5479, 0.3588, 0.3415

Monochromacy



Original Color

45.4060, 0.3860, 0.3915

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.1628, 0.3384, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4060, 0.3860, 0.3915 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(207, 175, 125)` looks like.

```
.text, #text, p{  
    color:rgb(207, 175, 125)  
}
```

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(207, 175, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 175, 125) }
```

Border

The CSS property to change the border of an element to Yxy 45.4060, 0.3860, 0.3915 is called "border". The border property can be set on classes, ids or directly on the HTML element.

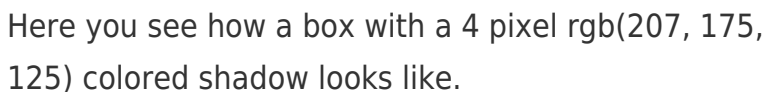
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 175, 125) }
```

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

```
.border{ border-color:rgb(207, 175, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 175, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 175, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 175, 125);  
box-shadow:4px 4px 4px 4px rgb(207, 175,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4060, 0.3860, 0.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 175, 125) }
```

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

```
.background{ background-color: rgb(207,  
175, 125) }
```

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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