

Converting Colors

$Yxy(44.9877, 0.4137, 0.4030)$

Have a look what the booklet for
Yxy(44.9877, 0.4137, 0.4030)
contains.

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Color

Yxy(45.1140, 0.4132, 0.4037)

Conversions

Conversions Part 1

Format	Color
Hex	DAAB6C
RGB	218, 171, 108
RGB Percent	85%, 67%, 42%
CMY	0.1452, 0.3293, 0.5765
CMYK	0.00, 0.22, 0.50, 0.15
HSL	34°, 60%, 64%
HSV	34°, 50%, 85%
XYZ	46.1756, 45.1140, 20.4617
YIQ	177.8710, 48.2350, -9.6290

Conversions

Conversions Part 2

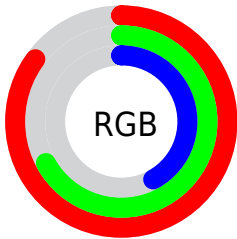
Format	Color
R _Y B	190, 218, 108
Decimal	14330732
CIE Lab	72.97, 9.58, 38.83
CIE LCh	73, 39.999, 76.136
Yxy	45.1140, 0.4132, 0.4037
Android (android.graphics.Color)	4292520812 (0xFFDAAB6C)
YUV	177.8710, -34.4464, 35.1931
Hunter-Lab	67.1670, 5.1722, 28.9548

Details

The Yxy color **45.1140, 0.4132, 0.4037** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.6740, 0.2296, 0.2381**, and the grayscale version is **44.6157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1908, 0.3789, 0.3961**, and **21.0865, 0.4398, 0.4199** is the 20% darker color. If you saturate the color by 10%, you get **41.3154, 0.4376, 0.4160**, and if you desaturate by 10%, it is **49.2804, 0.3896, 0.3894**.

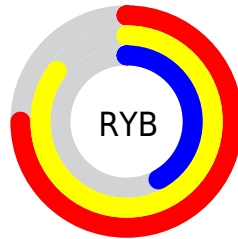
Distribution



Red (85%)

Green (67%)

Blue (42%)



Red (75%)

Yellow (85%)

Blue (42%)

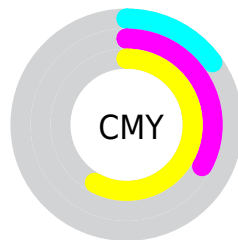


Cyan (0%)

Magenta (22%)

Yellow (50%)

Black (15%)



Cyan (15%)


Magenta (33%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1140, 0.4132, 0.4037 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 45.1140, 0.4132, 0.4037 by changing the saturation by 10% instead.


 45.1140, 0.4132,
0.4037


 45.1140, 0.4132,
0.4037


367.2351, 0.3635,
0.3685


 31.5472, 0.4250,
0.4114


 82.8915, 0.3955,
0.3916


 21.0159, 0.4396,
0.4205


 107.8709, 0.3887,
0.3869

 13.1356, 0.4580,
0.4312

 137.4234, 0.3829,
0.3828

 7.5220, 0.4811,
0.4430

 171.9333, 0.3780,
0.3792

 3.7906, 0.5254,
0.4680

211.7851, 0.3736,
0.3760

 1.5572, 0.5427,
0.4573

257.3630, 0.3698,

 0.3285, 0.6245,

0.3732

309.0515, 0.3665,
0.3707

0.3755

0.0000, 0.0000,
0.0000

45.1140, 0.4132,
0.4037

45.1140, 0.4132,
0.4037

41.3154, 0.4376,
0.4160

49.2804, 0.3896,
0.3894

37.8644, 0.4619,
0.4252

53.8210, 0.3676,
0.3742

34.7477, 0.4847,
0.4300

58.7500, 0.3475,
0.3588

31.9479, 0.5047,
0.4296

64.0785, 0.3294,
0.3439

29.5448, 0.5208,
0.4247

69.8174, 0.3134,
0.3296

■ 75.9769, 0.2992,
0.3163

■ 82.2022, 0.2899,
0.3095

■ 87.7059, 0.2902,
0.3192

■ 93.4930, 0.2905,
0.3287

Harmonies

Analogous

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



45.1140, 0.4254, 0.3630



45.1140, 0.4132, 0.4037



45.1140, 0.3737, 0.4294

Triad

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



45.1140, 0.4132, 0.4037



45.1140, 0.2281, 0.3294



45.1140, 0.2973, 0.2517

Complementary

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



45.1140, 0.4132, 0.4037



31.6740, 0.2296, 0.2381

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.



45.1140, 0.2487, 0.2401



45.1140, 0.4132, 0.4037



45.1140, 0.2117, 0.2790

Square

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



45.1140, 0.4132, 0.4037



45.1140, 0.2667, 0.3865



45.1140, 0.2189, 0.2485



45.1140, 0.3551, 0.2797

Rectangle

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



45.1140, 0.4132, 0.4037



45.1140, 0.3385, 0.4308



45.1140, 0.2189, 0.2485



45.1140, 0.2794, 0.2458

Sweetspot

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



45.1162, 0.4132, 0.4037



87.7968, 0.3376, 0.3508



28.0144, 0.3913, 0.2724



18.4480, 0.3415, 0.3540



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.



45.1162, 0.4132, 0.4037



58.3893, 0.4403, 0.4172



65.0028, 0.3803, 0.4533



14.2842, 0.3277, 0.3424



17.9241, 0.5189, 0.4262



1.3309, 0.4983, 0.4426

Inverse Universe

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



31.6740, 0.2296, 0.2381



37.1190, 0.2121, 0.2136



19.4533, 0.2217, 0.1717



13.5266, 0.2982, 0.3152



7.9340, 0.1709, 0.1351



0.6826, 0.1798, 0.1671

Previews

White Background



This preview shows how the Yxy color 45.1140, 0.4132, 0.4037 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 45.1140, 0.4132, 0.4037 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 45.1140, 0.4132, 0.4037

Background



This preview shows how black text looks on a background with the Yxy color 45.1140, 0.4132, 0.4037.



This preview shows how white text looks on a background with the Yxy color 45.1140, 0.4132, 0.4037.

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

45.1140, 0.4132, 0.4037

Protanopia

45.1237, 0.3851, 0.4162

Deuteranopia

44.9602, 0.4123, 0.4040



Tritanopia

45.1368, 0.3600, 0.3151

Trichromacy



Original Color

45.1140, 0.4132, 0.4037

Protanomaly

45.0138, 0.3952, 0.4114

Deuteranomaly

44.9602, 0.4123, 0.4040

Tritanomaly

45.0364, 0.3803, 0.3471

Monochromacy



Original Color

45.1140, 0.4132, 0.4037

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2973, 0.3480, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1140, 0.4132, 0.4037 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(218, 171, 108)` looks like.

```
.text, #text, p{  
    color:rgb(218, 171, 108)  
}
```

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(218, 171, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 171, 108) }
```

Border

The CSS property to change the border of an element to Yxy 45.1140, 0.4132, 0.4037 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(218, 171, 108) }
```

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

```
.border{ border-color:rgb(218, 171, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 171, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 171, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 171, 108);  
box-shadow:4px 4px 4px 4px rgb(218, 171,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1140, 0.4132, 0.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 171, 108) }
```

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

```
.background{ background-color: rgb(218,  
171, 108) }
```

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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