

Converting Colors

$Y_{xy}(45.2761, 0.4114, 0.4100)$

Have a look what the booklet for
Yxy(45.2761, 0.4114, 0.4100)
contains.

Yxy(45.3541, 0.4116, 0.4101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.3541, 0.4116, 0.4101)

Conversions

Conversions Part 1

Format	Color
Hex	D7AD69
RGB	215, 173, 105
RGB Percent	84%, 68%, 41%
CMY	0.1568, 0.3216, 0.5882
CMYK	0.00, 0.20, 0.51, 0.16
HSL	37°, 58%, 63%
HSV	37°, 51%, 84%
XYZ	45.5200, 45.3541, 19.7187
YIQ	177.8060, 46.8600, -12.2440

Conversions

Conversions Part 2

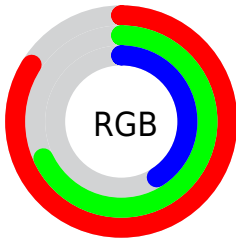
Format	Color
RYB	173, 215, 105
Decimal	14134633
CIELab	73.12, 7.04, 40.51
CIELCh	73, 41.115, 80.147
Yxy	45.3541, 0.4116, 0.4101
Android (android.graphics.Color)	4292324713 (0xFFD7AD69)
YUV	177.8060, -35.8934, 32.6191
Hunter-Lab	67.3455, 2.7968, 29.7818

Details

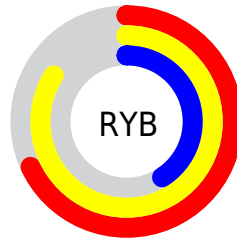
The Yxy color **45.3541, 0.4116, 0.4101** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.7799, 0.2270, 0.2290**, and the grayscale version is **44.5891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1811, 0.3801, 0.4010**, and **21.2294, 0.4367, 0.4282** is the 20% darker color. If you saturate the color by 10%, you get **41.9159, 0.4344, 0.4232**, and if you desaturate by 10%, it is **49.1020, 0.3892, 0.3949**.

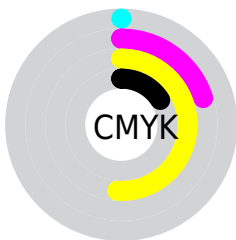
Distribution



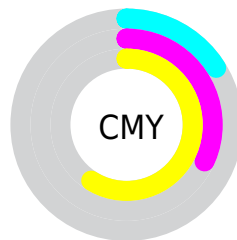
- Red (84%)
- Green (68%)
- Blue (41%)



- Red (68%)
- Yellow (84%)
- Blue (41%)



- Cyan (0%)
- Magenta (20%)
- Yellow (51%)
- Black (16%)





- Cyan (16%)
- Magenta (32%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3541, 0.4116, 0.4101 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 45.3541, 0.4116, 0.4101 by changing the saturation by 10% instead.


 45.3541, 0.4116,
0.4101

 45.3541, 0.4116,
0.4101


368.2058, 0.3630,
0.3716

 31.7364, 0.4230,
0.4186


 83.2515, 0.3944,
0.3968


 21.1603, 0.4370,
0.4287


 108.3001, 0.3878,
0.3916

 13.2412, 0.4544,
0.4406


 137.9277, 0.3821,
0.3871

 7.5948, 0.4759,
0.4539

 172.5188, 0.3772,
0.3832

 3.8368, 0.5179,
0.4821

212.4577, 0.3730,
0.3798

 1.5827, 0.5282,
0.4718

258.1290, 0.3692,

 0.3459, 0.5913,

0.3768

0.4087

309.9168, 0.3659,
0.3741

0.0000, 0.0000,
0.0000

45.3541, 0.4116,
0.4101

45.3541, 0.4116,
0.4101

41.9159, 0.4344,
0.4232

49.1020, 0.3892,
0.3949

38.7687, 0.4566,
0.4330

53.1640, 0.3680,
0.3787

35.9014, 0.4771,
0.4384

57.5526, 0.3484,
0.3623

33.2986, 0.4946,
0.4387

62.2776, 0.3305,
0.3461

31.1982, 0.5077,
0.4351

67.3479, 0.3145,
0.3307

■ 72.7724, 0.3002,
0.3163

■ 78.5268, 0.2878,
0.3033

■ 83.2174, 0.2882,
0.3120

■ 88.1263, 0.2885,
0.3206

Harmonies

Analogous

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



45.3541, 0.4286, 0.3695



45.3541, 0.4116, 0.4101



45.3541, 0.3682, 0.4336

Triad

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



45.3541, 0.4116, 0.4101



45.3541, 0.2224, 0.3215



45.3541, 0.3046, 0.2528

Complementary

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



45.3541, 0.4116, 0.4101



28.7799, 0.2270, 0.2290

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.



45.3541, 0.2527, 0.2385



45.3541, 0.4116, 0.4101



45.3541, 0.2090, 0.2721

Square

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



45.3541, 0.4116, 0.4101



45.3541, 0.2591, 0.3808



45.3541, 0.2195, 0.2441



45.3541, 0.3638, 0.2833

Rectangle

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



45.3541, 0.4116, 0.4101



45.3541, 0.3313, 0.4320



45.3541, 0.2195, 0.2441



45.3541, 0.2857, 0.2461

Sweetspot

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



45.3563, 0.4116, 0.4101



88.8090, 0.3374, 0.3525



26.6635, 0.4003, 0.2783



18.6922, 0.3412, 0.3559



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.



45.3563, 0.4116, 0.4101



61.4697, 0.4354, 0.4237



62.2075, 0.3765, 0.4570



13.6863, 0.3276, 0.3434



18.8687, 0.5060, 0.4364



1.2957, 0.4871, 0.4514

Inverse Universe

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



28.7799, 0.2270, 0.2290



34.6423, 0.2099, 0.2042



18.8496, 0.2247, 0.1710



12.7783, 0.2982, 0.3142



6.7429, 0.1672, 0.1220



0.5642, 0.1769, 0.1569

Previews

White Background



This preview shows how the Yxy color 45.3541, 0.4116, 0.4101 looks on a white background.

Color Contrast Check

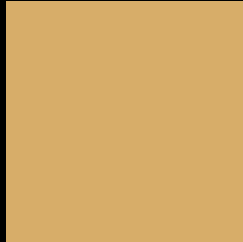
Large Text (above 18pt) WCAG AA × Fail

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 45.3541, 0.4116, 0.4101 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 45.3541, 0.4116, 0.4101

Background



This preview shows how black text looks on a background with the Yxy color 45.3541, 0.4116, 0.4101.



This preview shows how white text looks on a background with the Yxy color 45.3541, 0.4116, 0.4101.

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

45.3541, 0.4116, 0.4101

Protanopia

45.5955, 0.3879, 0.4205

Deuteranopia

45.5850, 0.4160, 0.4077



Tritanopia

45.0974, 0.3550, 0.3137

Trichromacy



Original Color

45.3541, 0.4116, 0.4101

Protanomaly

45.3432, 0.3970, 0.4160

Deuteranomaly

45.4304, 0.4151, 0.4080

Tritanomaly

44.9319, 0.3771, 0.3485

Monochromacy



Original Color

45.3541, 0.4116, 0.4101

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3614, 0.3476, 0.3620

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3541, 0.4116, 0.4101 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(215, 173, 105)` looks like.

```
.text, #text, p{  
    color:rgb(215, 173, 105)  
}
```

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(215, 173, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 173, 105) }
```

Border

The CSS property to change the border of an element to Yxy 45.3541, 0.4116, 0.4101 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(215, 173, 105) }
```

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

```
.border{ border-color:rgb(215, 173, 105) }
```

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

Here you see how a box with a 4 pixel rgb(215, 173, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 173, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 173, 105);  
box-shadow:4px 4px 4px 4px rgb(215, 173,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3541, 0.4116, 0.4101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 173, 105) }
```

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

```
.background{ background-color: rgb(215,  
173, 105) }
```

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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