

Converting Colors

$Yxy(43.6649, 0.4186, 0.4084)$

Have a look what the booklet for
Yxy(43.6649, 0.4186, 0.4084)
contains.

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Color

Yxy(43.5438, 0.4191, 0.4086)

Conversions

Conversions Part 1

Format	Color
Hex	D8A865
RGB	216, 168, 101
RGB Percent	85%, 66%, 40%
CMY	0.1531, 0.3411, 0.6039
CMYK	0.00, 0.22, 0.53, 0.15
HSL	35°, 60%, 62%
HSV	35°, 53%, 85%
XYZ	44.6628, 43.5438, 18.3617
YIQ	174.7140, 50.1150, -10.6610

Conversions

Conversions Part 2

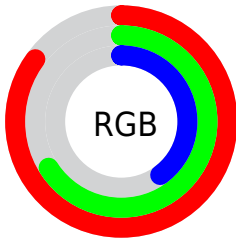
Format	Color
RYB	183, 216, 101
Decimal	14198885
CIELab	71.92, 9.75, 41.09
CIELCh	72, 42.234, 76.659
Yxy	43.5438, 0.4191, 0.4086
Android (android.graphics.Color)	4292388965 (0xFFD8A865)
YUV	174.7140, -36.3410, 36.2078
Hunter-Lab	65.9877, 5.3364, 29.6934

Details

The Yxy color **43.5438, 0.4191, 0.4086** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.1994, 0.2248, 0.2303**, and the grayscale version is **42.8861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3353, 0.3847, 0.4003**, and **20.0078, 0.4463, 0.4259** is the 20% darker color. If you saturate the color by 10%, you get **39.9650, 0.4432, 0.4204**, and if you desaturate by 10%, it is **47.4684, 0.3955, 0.3945**.

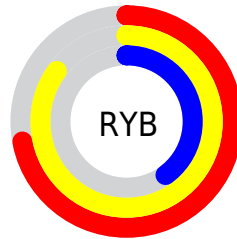
Distribution



Red (85%)

Green (66%)

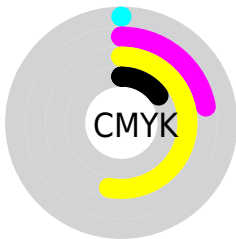
Blue (40%)



Red (72%)

Yellow (85%)

Blue (40%)

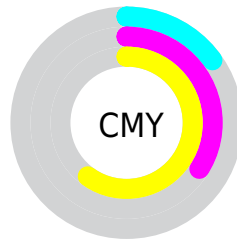


Cyan (0%)

Magenta (22%)

Yellow (53%)

Black (15%)



Cyan (15%)


Magenta (34%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5438, 0.4191, 0.4086 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 43.5438, 0.4191, 0.4086 by changing the saturation by 10% instead.


 43.5438, 0.4191,
0.4086

 43.5438, 0.4191,
0.4086

360.8434, 0.3664,
0.3711


 30.3120, 0.4316,
0.4167


 80.5308, 0.4003,
0.3958


 20.0755, 0.4469,
0.4262


 105.0549, 0.3932,
0.3907

 12.4500, 0.4660,
0.4370


 134.1118, 0.3870,
0.3863

 7.0509, 0.4895,
0.4485

 168.0860, 0.3817,
0.3825

 3.4940, 0.5307,
0.4693

207.3619, 0.3771,
0.3792

 1.3947, 0.5456,
0.4544

252.3238, 0.3731,

 0.2128, 0.6741,

0.3762

0.3259

303.3562, 0.3695,
0.3735

0.0000, 0.0000,
0.0000

43.5438, 0.4191,
0.4086

43.5438, 0.4191,
0.4086

39.9650, 0.4432,
0.4204

47.4684, 0.3955,
0.3945

36.7122, 0.4668,
0.4287

51.7448, 0.3732,
0.3793

33.7723, 0.4884,
0.4323

56.3869, 0.3527,
0.3637

31.1281, 0.5069,
0.4306

61.4055, 0.3342,
0.3483

29.4900, 0.5178,
0.4271

66.8109, 0.3177,
0.3336

■ 72.6130, 0.3030,
0.3197

■ 78.8212, 0.2901,
0.3069

■ 84.1759, 0.2888,
0.3135

■ 89.6131, 0.2892,
0.3229

Harmonies

Analogous

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



43.5438, 0.4331, 0.3653



43.5438, 0.4191, 0.4086



43.5438, 0.3763, 0.4364

Triad

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



43.5438, 0.4191, 0.4086



43.5438, 0.2222, 0.3280



43.5438, 0.2971, 0.2474

Complementary

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



43.5438, 0.4191, 0.4086



29.1994, 0.2248, 0.2303

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.



43.5438, 0.2453, 0.2348



43.5438, 0.4191, 0.4086



43.5438, 0.2055, 0.2745

Square

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



43.5438, 0.4191, 0.4086



43.5438, 0.2625, 0.3898



43.5438, 0.2136, 0.2430



43.5438, 0.3589, 0.2772

Rectangle

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



43.5438, 0.4191, 0.4086



43.5438, 0.3386, 0.4380



43.5438, 0.2136, 0.2430



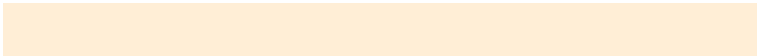
43.5438, 0.2780, 0.2411

Sweetspot

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



43.5459, 0.4191, 0.4086



87.2657, 0.3394, 0.3527



26.1290, 0.3978, 0.2697



18.3507, 0.3432, 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.



43.5459, 0.4191, 0.4086



57.5447, 0.4465, 0.4218



63.4869, 0.3833, 0.4592



13.6115, 0.3277, 0.3426



17.6789, 0.5159, 0.4286



1.2281, 0.4948, 0.4453

Inverse Universe

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



29.1994, 0.2248, 0.2303



34.5779, 0.2070, 0.2046



17.4929, 0.2160, 0.1621



12.8511, 0.2982, 0.3150



7.4729, 0.1701, 0.1323



0.6122, 0.1796, 0.1666

Previews

White Background



This preview shows how the Yxy color 43.5438, 0.4191, 0.4086 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 43.5438, 0.4191, 0.4086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

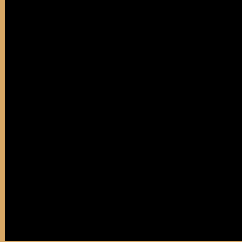
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5438, 0.4191, 0.4086

Background



This preview shows how black text looks on a background with the Yxy color 43.5438, 0.4191, 0.4086.



This preview shows how white text looks on a background with the Yxy color 43.5438, 0.4191, 0.4086.

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

43.5438, 0.4191, 0.4086

Protanopia

43.7812, 0.3888, 0.4233

Deuteranopia

43.3919, 0.4182, 0.4089



Tritanopia

43.6498, 0.3618, 0.3149

Trichromacy



Original Color

43.5438, 0.4191, 0.4086

Protanomaly

43.6689, 0.3991, 0.4183

Deuteranomaly

43.3919, 0.4182, 0.4089

Tritanomaly

43.4854, 0.3844, 0.3497

Monochromacy



Original Color

43.5438, 0.4191, 0.4086

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.5903, 0.3503, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5438, 0.4191, 0.4086 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, 168, 101)` looks like.

```
.text, #text, p{  
    color:rgb(216, 168, 101)  
}
```

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, 168, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 168, 101) }
```

Border

The CSS property to change the border of an element to Yxy 43.5438, 0.4191, 0.4086 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, 168, 101) }
```

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

```
.border{ border-color:rgb(216, 168, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 168, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 168, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 168, 101);  
box-shadow:4px 4px 4px 4px rgb(216, 168,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5438, 0.4191, 0.4086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 168, 101) }
```

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

```
.background{ background-color: rgb(216,  
168, 101) }
```

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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