

Converting Colors

$Yxy(42.0905, 0.4178, 0.3810)$

Have a look what the booklet for
Yxy(42.0905, 0.4178, 0.3810)
contains.

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Color

Yxy(42.0905, 0.4178, 0.3810)

Conversions

Conversions Part 1

Format	Color
Hex	DFA074
RGB	223, 160, 116
RGB Percent	87%, 63%, 45%
CMY	0.1255, 0.3725, 0.5449
CMYK	0.00, 0.28, 0.48, 0.13
HSL	25°, 63%, 66%
HSV	25°, 48%, 87%
XYZ	46.1559, 42.0905, 22.2273
YIQ	173.8210, 51.6720, -0.3280

Conversions

Conversions Part 2

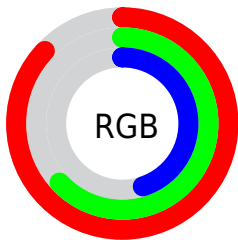
Format	Color
R _Y B	223, 191, 116
Decimal	14655604
CIE Lab	70.93, 18.29, 32.12
CIE LCh	71, 36.967, 60.338
Yxy	42.0905, 0.4178, 0.3810
Android (android.graphics.Color)	4292845684 (0xFFDFA074)
YUV	173.8210, -28.5058, 43.1300
Hunter-Lab	64.8772, 13.4561, 25.1009

Details

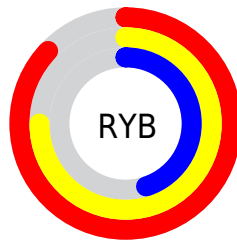
The Yxy color **42.0905, 0.4178, 0.3810** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.2982, 0.2383, 0.2685**, and the grayscale version is **42.3626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7255, 0.3764, 0.3765**, and **19.1297, 0.4480, 0.3914** is the 20% darker color. If you saturate the color by 10%, you get **37.3182, 0.4480, 0.3902**, and if you desaturate by 10%, it is **47.4726, 0.3902, 0.3703**.

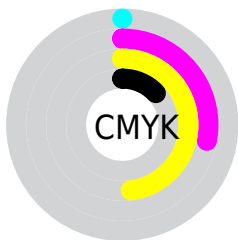
Distribution



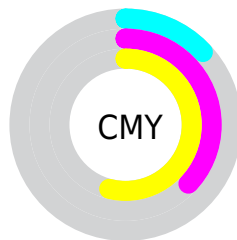
- Red (87%)
- Green (63%)
- Blue (45%)



- Red (87%)
- Yellow (75%)
- Blue (45%)



- Cyan (0%)
- Magenta (28%)
- Yellow (48%)
- Black (13%)




- Cyan (13%)
- Magenta (37%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0905, 0.4178, 0.3810 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 42.0905, 0.4178, 0.3810 by changing the saturation by 10% instead.


 42.0905, 0.4178,
0.3810


 42.0905, 0.4178,
0.3810


354.8580, 0.3644,
0.3571

 29.1722, 0.4310,
0.3860


 78.3366, 0.3984,
0.3730

 19.2111, 0.4478,
0.3918


 102.4331, 0.3911,
0.3697

 11.8229, 0.4697,
0.3983


 131.0245, 0.3849,
0.3669

 6.6232, 0.4987,
0.4047

164.4951, 0.3796,
0.3645

 3.2276, 0.5481,
0.4161

203.2294, 0.3751,
0.3623

 1.2517, 0.5959,
0.4041

247.6117, 0.3711,

 0.1033, 0.8406,

0.3604

0.1594

298.0264, 0.3675,
0.3586

0.0000, 0.0000,
0.0000

42.0905, 0.4178,
0.3810

42.0905, 0.4178,
0.3810

37.3182, 0.4480,
0.3902

47.4726, 0.3902,
0.3703

33.1256, 0.4798,
0.3966

53.4807, 0.3656,
0.3591

29.4888, 0.5113,
0.3991

60.1379, 0.3441,
0.3479

26.3793, 0.5400,
0.3965

67.4644, 0.3256,
0.3371

23.7625, 0.5640,
0.3886

75.4790, 0.3097,
0.3270

■ 23.2827, 0.5686,
0.3868

■ 84.2002, 0.2960,
0.3176

■ 92.4917, 0.2934,
0.3259

■ 94.4275, 0.2935,
0.3289

Harmonies

Analogous

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



42.0905, 0.4124, 0.3396



42.0905, 0.4178, 0.3810



42.0905, 0.3930, 0.4142

Triad

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



42.0905, 0.4178, 0.3810



42.0905, 0.2495, 0.3585



42.0905, 0.2721, 0.2474

Complementary

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



42.0905, 0.4178, 0.3810



41.2982, 0.2383, 0.2685

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.



42.0905, 0.2344, 0.2462



42.0905, 0.4178, 0.3810



42.0905, 0.2221, 0.3052

Square

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



42.0905, 0.4178, 0.3810



42.0905, 0.2949, 0.4060



42.0905, 0.2171, 0.2654



42.0905, 0.3240, 0.2663

Rectangle

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



42.0905, 0.4178, 0.3810



42.0905, 0.3642, 0.4254



42.0905, 0.2171, 0.2654



42.0905, 0.2575, 0.2449

Sweetspot

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



42.0926, 0.4178, 0.3810



85.2209, 0.3366, 0.3437



31.4924, 0.3641, 0.2551



17.7884, 0.3408, 0.3460



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.



42.0926, 0.4178, 0.3810



50.2887, 0.4495, 0.3905



64.1874, 0.3883, 0.4358



14.6212, 0.3282, 0.3387



13.9005, 0.5659, 0.3888



1.1367, 0.5382, 0.4109

Inverse Universe

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



41.2982, 0.2383, 0.2685



49.0287, 0.2237, 0.2524



24.1549, 0.2242, 0.1929



14.5783, 0.2981, 0.3191



12.9589, 0.1858, 0.1890



1.0733, 0.1924, 0.2127

Previews

White Background



This preview shows how the Yxy color 42.0905, 0.4178, 0.3810 looks on a white background.

Color Contrast Check

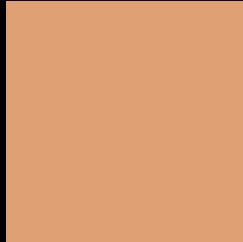
Large Text (above 18pt) WCAG AA × Fail

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 42.0905, 0.4178, 0.3810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

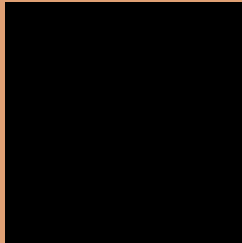
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0905, 0.4178, 0.3810

Background



This preview shows how black text looks on a background with the Yxy color 42.0905, 0.4178, 0.3810.



This preview shows how white text looks on a background with the Yxy color 42.0905, 0.4178, 0.3810.

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

42.0905, 0.4178, 0.3810

Protanopia

42.3686, 0.3706, 0.3987

Deuteranopia

42.0656, 0.4015, 0.3925



Tritanopia

42.1587, 0.3753, 0.3163

Trichromacy



Original Color

42.0905, 0.4178, 0.3810

Protanomaly

42.1495, 0.3875, 0.3920

Deuteranomaly

42.0849, 0.4076, 0.3889

Tritanomaly

42.0523, 0.3921, 0.3399

Monochromacy



Original Color

42.0905, 0.4178, 0.3810

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8823, 0.3485, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0905, 0.4178, 0.3810 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(223, 160, 116)` looks like.

```
.text, #text, p{  
    color:rgb(223, 160, 116)  
}
```

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(223, 160, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 160, 116) }
```

Border

The CSS property to change the border of an element to Yxy 42.0905, 0.4178, 0.3810 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(223, 160, 116) }
```

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

```
.border{ border-color:rgb(223, 160, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 160, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 160, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 160, 116); box-shadow:4px 4px 4px 4px rgb(223, 160, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0905, 0.4178, 0.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 160, 116) }
```

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

```
.background{ background-color: rgb(223,  
160, 116) }
```

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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