

Converting Colors

$Yxy(42.5902, 0.4248, 0.3933)$

Have a look what the booklet for
Yxy(42.5902, 0.4248, 0.3933)
contains.

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Color

Yxy(42.5902, 0.4248, 0.3933)

Conversions

Conversions Part 1

Format	Color
Hex	DFA26B
RGB	223, 162, 107
RGB Percent	87%, 64%, 42%
CMY	0.1255, 0.3647, 0.5805
CMYK	0.00, 0.27, 0.52, 0.13
HSL	28°, 64%, 65%
HSV	28°, 52%, 87%
XYZ	46.0013, 42.5902, 19.6978
YIQ	173.9690, 54.0110, -4.1730

Conversions

Conversions Part 2

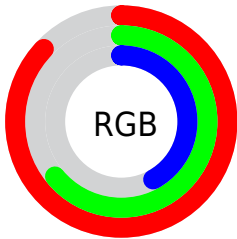
Format	Color
R_{YB}	223, 212, 107
Decimal	14656107
CIE Lab	71.28, 16.38, 37.36
CIE LCh	71, 40.794, 66.330
Yxy	42.5902, 0.4248, 0.3933
Android (android.graphics.Color)	4292846187 (0xFFDFA26B)
YUV	173.9690, -33.0157, 43.0002
Hunter-Lab	65.2612, 11.6141, 27.7873

Details

The Yxy color **42.5902, 0.4248, 0.3933** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.4357, 0.2303, 0.2515**, and the grayscale version is **42.4625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3889, 0.3829, 0.3886**, and **19.4567, 0.4561, 0.4060** is the 20% darker color. If you saturate the color by 10%, you get **38.2433, 0.4532, 0.4030**, and if you desaturate by 10%, it is **47.4471, 0.3980, 0.3816**.

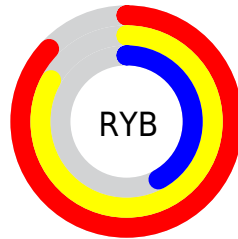
Distribution



Red (87%)

Green (64%)

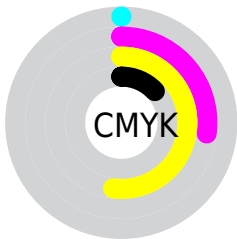
Blue (42%)



Red (87%)

Yellow (83%)

Blue (42%)

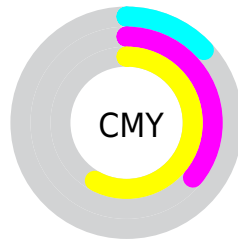


Cyan (0%)

Magenta (27%)

Yellow (52%)

Black (13%)



Cyan (13%)


Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5902, 0.4248, 0.3933 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 42.5902, 0.4248, 0.3933 by changing the saturation by 10% instead.

 42.5902, 0.4248,
0.3933


 42.5902, 0.4248,
0.3933

356.9237, 0.3684,
0.3637


 29.5637, 0.4385,
0.3995


 79.0921, 0.4045,
0.3834


 19.5077, 0.4556,
0.4065


 103.3363, 0.3968,
0.3794

 12.0377, 0.4774,
0.4142


 132.0885, 0.3903,
0.3759

 6.7693, 0.5054,
0.4217

 165.7331, 0.3847,
0.3729

 3.3183, 0.5598,
0.4402

204.6546, 0.3798,
0.3702

 1.3001, 0.5843,
0.4157

249.2372, 0.3755,

 0.1413, 0.7908,

0.3678

0.2092

299.8655, 0.3718,
0.3657

0.0000, 0.0000,
0.0000

42.5902, 0.4248,
0.3933

42.5902, 0.4248,
0.3933

38.2433, 0.4532,
0.4030

47.4471, 0.3980,
0.3816

34.3802, 0.4820,
0.4094

52.8262, 0.3736,
0.3688

30.9811, 0.5095,
0.4112

58.7471, 0.3517,
0.3559

28.0215, 0.5336,
0.4076

65.2263, 0.3326,
0.3433

25.9514, 0.5501,
0.4014

72.2794, 0.3158,
0.3313

■ 79.9214, 0.3013,
0.3202

■ 87.6364, 0.2932,
0.3178

■ 94.4258, 0.2935,
0.3289

Harmonies

Analogous

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



42.5902, 0.4264, 0.3489



42.5902, 0.4248, 0.3933



42.5902, 0.3916, 0.4271

Triad

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



42.5902, 0.4248, 0.3933



42.5902, 0.2357, 0.3491



42.5902, 0.2784, 0.2430

Complementary

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



42.5902, 0.4248, 0.3933



36.4357, 0.2303, 0.2515

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.



42.5902, 0.2338, 0.2374



42.5902, 0.4248, 0.3933



42.5902, 0.2110, 0.2920

Square

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



42.5902, 0.4248, 0.3933



42.5902, 0.2817, 0.4057



42.5902, 0.2106, 0.2532



42.5902, 0.3370, 0.2669

Rectangle

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



42.5902, 0.4248, 0.3933



42.5902, 0.3577, 0.4363



42.5902, 0.2106, 0.2532



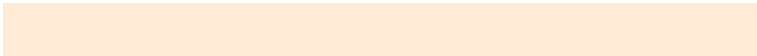
42.5902, 0.2615, 0.2389

Sweetspot

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



42.5923, 0.4248, 0.3933



84.7191, 0.3401, 0.3484



29.0541, 0.3800, 0.2578



17.7440, 0.3441, 0.3510



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.



42.5923, 0.4248, 0.3933



51.5917, 0.4545, 0.4034



67.4720, 0.3902, 0.4505



14.7678, 0.3280, 0.3402



15.4842, 0.5476, 0.4034



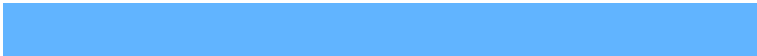
1.2516, 0.5228, 0.4231

Inverse Universe

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



36.4357, 0.2303, 0.2515



42.3947, 0.2154, 0.2324



19.7848, 0.2138, 0.1689



14.4296, 0.2981, 0.3176



10.8690, 0.1797, 0.1670



0.9324, 0.1872, 0.1938

Previews

White Background



This preview shows how the Yxy color 42.5902, 0.4248, 0.3933 looks on a white background.

Color Contrast Check

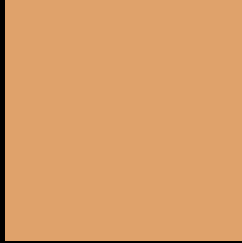
Large Text (above 18pt) WCAG AA × Fail

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 42.5902, 0.4248, 0.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

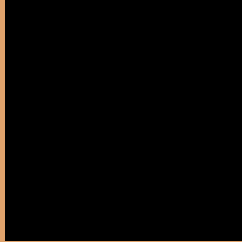
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5902, 0.4248, 0.3933

Background



This preview shows how black text looks on a background with the Yxy color 42.5902, 0.4248, 0.3933.



This preview shows how white text looks on a background with the Yxy color 42.5902, 0.4248, 0.3933.

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

42.5902, 0.4248, 0.3933

Protanopia

42.7769, 0.3805, 0.4122

Deuteranopia

42.6751, 0.4117, 0.4033



Tritanopia

42.6898, 0.3750, 0.3164

Trichromacy



Original Color

42.5902, 0.4248, 0.3933

Protanomaly

42.4318, 0.3967, 0.4052

Deuteranomaly

42.5498, 0.4169, 0.3998

Tritanomaly

42.6668, 0.3933, 0.3446

Monochromacy



Original Color

42.5902, 0.4248, 0.3933

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.1579, 0.3510, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5902, 0.4248, 0.3933 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, 162, 107)` looks like.

```
.text, #text, p{  
    color:rgb(223, 162, 107)  
}
```

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, 162, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 162, 107) }
```

Border

The CSS property to change the border of an element to Yxy 42.5902, 0.4248, 0.3933 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, 162, 107) }
```

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

```
.border{ border-color:rgb(223, 162, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 162, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 162, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 162, 107);  
box-shadow:4px 4px 4px 4px rgb(223, 162,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5902, 0.4248, 0.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 162, 107) }
```

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

```
.background{ background-color: rgb(223,  
162, 107) }
```

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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