

Converting Colors

$Y_{xy}(42.5543, 0.4208, 0.3893)$

Have a look what the booklet for
Yxy(42.5543, 0.4208, 0.3893)
contains.

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Color

Yxy(42.5180, 0.4202, 0.3892)

Conversions

Conversions Part 1

Format	Color
Hex	DEA26F
RGB	222, 162, 111
RGB Percent	87%, 64%, 44%
CMY	0.1296, 0.3646, 0.5648
CMYK	0.00, 0.27, 0.50, 0.13
HSL	28°, 63%, 65%
HSV	28°, 50%, 87%
XYZ	45.9046, 42.5180, 20.8220
YIQ	174.1260, 52.1310, -3.1410

Conversions

Conversions Part 2

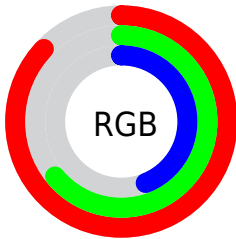
Format	Color
R_{YB}	222, 205, 111
Decimal	14590575
CIE _{Lab}	71.23, 16.32, 35.16
CIE _{LCh}	71, 38.765, 65.110
Yxy	42.5180, 0.4202, 0.3892
Android (android.graphics.Color)	4292780655 (0xFFDEA26F)
YUV	174.1260, -31.1211, 41.9855
Hunter-Lab	65.2058, 11.5529, 26.7111

Details

The Yxy color **42.5180, 0.4202, 0.3892** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.7481, 0.2339, 0.2575**, and the grayscale version is **42.5384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5301, 0.3800, 0.3846**, and **19.3922, 0.4504, 0.4015** is the 20% darker color. If you saturate the color by 10%, you get **38.0654, 0.4489, 0.3991**, and if you desaturate by 10%, it is **47.4989, 0.3934, 0.3775**.

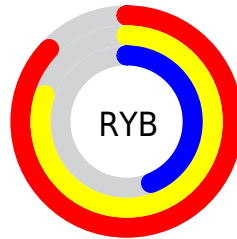
Distribution



Red (87%)

Green (64%)

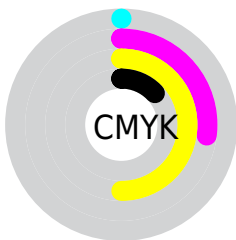
Blue (44%)



Red (87%)

Yellow (80%)

Blue (44%)

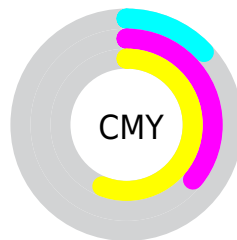


Cyan (0%)

Magenta (27%)

Yellow (50%)

Black (13%)



Cyan (13%)


Magenta (36%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5180, 0.4202, 0.3892 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 42.5180, 0.4202, 0.3892 by changing the saturation by 10% instead.


 42.5180, 0.4202,
0.3892


 42.5180, 0.4202,
0.3892


356.6258, 0.3660,
0.3614


 29.5071, 0.4335,
0.3951


 78.9830, 0.4006,
0.3798

 19.4648, 0.4502,
0.4019


 103.2059, 0.3932,
0.3761

 12.0066, 0.4717,
0.4095


 131.9349, 0.3869,
0.3728

 6.7482, 0.4996,
0.4171

 165.5545, 0.3815,
0.3699

 3.3051, 0.5523,
0.4346

204.4489, 0.3768,
0.3674

 1.2930, 0.5841,
0.4159

249.0027, 0.3728,

 0.1358, 0.7952,

0.3652

0.2048

299.6002, 0.3692,
0.3632

0.0000, 0.0000,
0.0000

42.5180, 0.4202,
0.3892

42.5180, 0.4202,
0.3892

38.0654, 0.4489,
0.3991

47.4989, 0.3934,
0.3775

34.1145, 0.4785,
0.4060

53.0209, 0.3692,
0.3651

30.6453, 0.5071,
0.4085


59.1039, 0.3478,
0.3526

27.6329, 0.5328,
0.4057


65.7649, 0.3290,
0.3405


25.0426, 0.5543,
0.3981

73.0199, 0.3127,
0.3290

 25.0419, 0.5543,
0.3981

 80.8844, 0.2986,
0.3183

 88.6197, 0.2926,
0.3197

 94.2636, 0.2929,
0.3289

Harmonies

Analogous

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



42.5180, 0.4201, 0.3467



42.5180, 0.4202, 0.3892



42.5180, 0.3898, 0.4217

Triad

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



42.5180, 0.4202, 0.3892



42.5180, 0.2408, 0.3506



42.5180, 0.2781, 0.2461

Complementary

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



42.5180, 0.4202, 0.3892



37.7481, 0.2339, 0.2575

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.



42.5180, 0.2361, 0.2417



42.5180, 0.4202, 0.3892



42.5180, 0.2160, 0.2960

Square

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



42.5180, 0.4202, 0.3892



42.5180, 0.2855, 0.4033



42.5180, 0.2146, 0.2579



42.5180, 0.3336, 0.2684

Rectangle

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



42.5180, 0.4202, 0.3892



42.5180, 0.3580, 0.4307



42.5180, 0.2146, 0.2579



42.5180, 0.2621, 0.2425

Sweetspot

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



42.5201, 0.4202, 0.3892



85.2967, 0.3383, 0.3466



29.8691, 0.3740, 0.2583



17.8465, 0.3423, 0.3492



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.



42.5201, 0.4202, 0.3892



51.8631, 0.4503, 0.3995



65.9948, 0.3885, 0.4448



14.7340, 0.3281, 0.3398



15.0970, 0.5519, 0.4000



1.2240, 0.5263, 0.4203

Inverse Universe

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



37.7481, 0.2339, 0.2575



44.5906, 0.2188, 0.2391



21.2652, 0.2186, 0.1785



14.4636, 0.2981, 0.3179



11.3227, 0.1811, 0.1719



0.9634, 0.1884, 0.1981

Previews

White Background



This preview shows how the Yxy color 42.5180, 0.4202, 0.3892 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 42.5180, 0.4202, 0.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

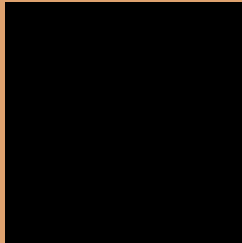
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5180, 0.4202, 0.3892

Background



This preview shows how black text looks on a background with the Yxy color 42.5180, 0.4202, 0.3892.



This preview shows how white text looks on a background with the Yxy color 42.5180, 0.4202, 0.3892.

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

42.5180, 0.4202, 0.3892

Protanopia

42.8680, 0.3772, 0.4071

Deuteranopia

42.6121, 0.4073, 0.3990



Tritanopia

42.5636, 0.3730, 0.3151

Trichromacy



Original Color

42.5180, 0.4202, 0.3892

Protanomaly

42.5209, 0.3932, 0.4003

Deuteranomaly

42.4831, 0.4124, 0.3956

Tritanomaly

42.5679, 0.3903, 0.3423

Monochromacy



Original Color

42.5180, 0.4202, 0.3892

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0602, 0.3491, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5180, 0.4202, 0.3892 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(222, 162, 111)` looks like.

```
.text, #text, p{  
    color:rgb(222, 162, 111)  
}
```

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(222, 162, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 162, 111) }
```

Border

The CSS property to change the border of an element to Yxy 42.5180, 0.4202, 0.3892 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(222, 162, 111) }
```

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

```
.border{ border-color:rgb(222, 162, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 162, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 162, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 162, 111);  
box-shadow:4px 4px 4px 4px rgb(222, 162,  
111) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 42.5180, 0.4202, 0.3892$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 162, 111) }
```

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

```
.background{ background-color: rgb(222,  
162, 111) }
```

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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