

Converting Colors

$Y_{xy}(34.0447, 0.4426, 0.3915)$

Have a look what the booklet for
Yxy(34.0447, 0.4426, 0.3915)
contains.

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Color

Yxy(33.9502, 0.4427, 0.3911)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D38E5B |
| RGB | 211, 142, 91 |
| RGB Percent | 83%, 56%, 36% |
| CMY | 0.1725, 0.4432, 0.6431 |
| CMYK | 0.00, 0.33, 0.57, 0.17 |
| HSL | 25°, 58%, 59% |
| HSV | 25°, 57%, 83% |
| XYZ | 38.4294, 33.9502, 14.4273 |
| YIQ | 156.8170, 57.4950, -1.2330 |

Conversions

Conversions Part 2

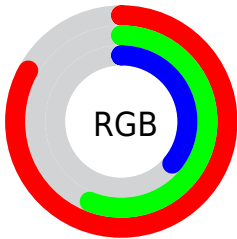
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 211, 180, 91 |
| Decimal | 13864539 |
| CIELab | 64.92, 20.92, 37.56 |
| CIElCh | 65, 42.993, 60.885 |
| Yxy | 33.9502, 0.4427, 0.3911 |
| Android (android.graphics.Color) | 4292054619 (0xFFD38E5B) |
| YUV | 156.8170, -32.4478, 47.5185 |
| Hunter-Lab | 58.2668, 15.7615, 26.1061 |

Details

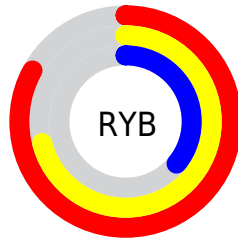
The Yxy color **33.9502, 0.4427, 0.3911** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **32.0816, 0.2255, 0.2525**, and the grayscale version is **33.7610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6928, 0.4046, 0.3851**, and **14.4289, 0.4823, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **30.2205, 0.4736, 0.3983**, and if you desaturate by 10%, it is **38.1789, 0.4133, 0.3814**.

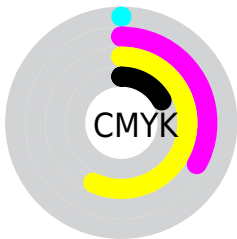
Distribution



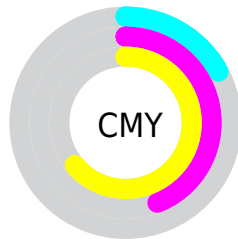
- Red (83%)
- Green (56%)
- Blue (36%)



- Red (83%)
- Yellow (71%)
- Blue (36%)



- Cyan (0%)
- Magenta (33%)
- Yellow (57%)
- Black (17%)





- Cyan (17%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9502, 0.4427, 0.3911 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 33.9502, 0.4427, 0.3911 by changing the saturation by 10% instead.

 33.9502, 0.4427,
0.3911


 33.9502, 0.4427,
0.3911


319.9099, 0.3749,
0.3627


 22.8553, 0.4598,
0.3966


 65.8562, 0.4178,
0.3818

 14.4867, 0.4814,
0.4024


 87.4362, 0.4085,
0.3780

 8.4600, 0.5092,
0.4077


 113.2799, 0.4007,
0.3746

 4.3907, 0.5505,
0.4138

 143.7719, 0.3940,
0.3716

 1.8944, 0.5955,
0.4045

179.2965, 0.3882,
0.3690

 0.5450, 0.6568,
0.3432

220.2381, 0.3832,

 0.0000, 0.0000,

0.3667

0.0000

266.9811, 0.3788,
0.3646

■ 33.9502, 0.4427,
0.3911

■ 33.9502, 0.4427,
0.3911

■ 30.2205, 0.4736,
0.3983

■ 38.1789, 0.4133,
0.3814

■ 26.9633, 0.5045,
0.4016

■ 42.9214, 0.3865,
0.3703

■ 24.1569, 0.5330,
0.4000

■ 48.1978, 0.3626,
0.3587

■ 21.7739, 0.5570,
0.3930

■ 54.0255, 0.3418,
0.3472

■ 21.1051, 0.5640,
0.3903

■ 60.4213, 0.3237,
0.3362

■ 67.4008, 0.3081,
0.3258

■ 74.9794, 0.2947,
0.3163

■ 82.8567, 0.2858,
0.3123

■ 90.2070, 0.2864,
0.3250

Harmonies

Analogous

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



33.9502, 0.4379, 0.3408



33.9502, 0.4427, 0.3911



33.9502, 0.4099, 0.4337

Triad

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



33.9502, 0.4427, 0.3911



33.9502, 0.2334, 0.3643



33.9502, 0.2630, 0.2302

Complementary

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



33.9502, 0.4427, 0.3911



32.0816, 0.2255, 0.2525

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.



33.9502, 0.2176, 0.2276



33.9502, 0.4427, 0.3911



33.9502, 0.2016, 0.2966

Square

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



33.9502, 0.4427, 0.3911



33.9502, 0.2881, 0.4266



33.9502, 0.1966, 0.2490



33.9502, 0.3272, 0.2533

Rectangle

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



33.9502, 0.4427, 0.3911



33.9502, 0.3735, 0.4497



33.9502, 0.1966, 0.2490



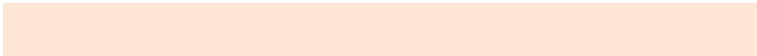
33.9502, 0.2454, 0.2269

Sweetspot

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



33.9519, 0.4427, 0.3911



82.6270, 0.3424, 0.3476



23.9093, 0.3806, 0.2456



17.2830, 0.3464, 0.3499



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.



33.9519, 0.4427, 0.3911



45.3956, 0.4794, 0.3993



56.3882, 0.3997, 0.4540



12.6221, 0.3280, 0.3389



12.9285, 0.5614, 0.3924



0.8786, 0.5291, 0.4180

Inverse Universe

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



32.0816, 0.2255, 0.2525



42.1783, 0.2104, 0.2330



16.2384, 0.2060, 0.1613



12.5305, 0.2983, 0.3189



11.3503, 0.1846, 0.1846



0.7902, 0.1927, 0.2137

Previews

White Background



This preview shows how the Yxy color 33.9502, 0.4427, 0.3911 looks on a white background.

Color Contrast Check

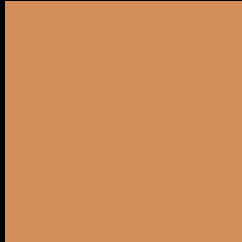
Large Text (above 18pt) WCAG AA × Fail

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 33.9502, 0.4427, 0.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

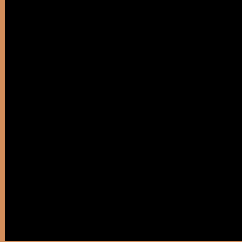
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9502, 0.4427, 0.3911

Background



This preview shows how black text looks on a background with the Yxy color 33.9502, 0.4427, 0.3911.



This preview shows how white text looks on a background with the Yxy color 33.9502, 0.4427, 0.3911.

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

33.9502, 0.4427, 0.3911

Protanopia

34.0874, 0.3842, 0.4171

Deuteranopia

34.1919, 0.4187, 0.4106



Tritanopia

33.8194, 0.3916, 0.3169

Trichromacy



Original Color

33.9502, 0.4427, 0.3911

Protanomaly

33.7218, 0.4050, 0.4071

Deuteranomaly

34.1974, 0.4275, 0.4032

Tritanomaly

33.9538, 0.4122, 0.3454

Monochromacy



Original Color

33.9502, 0.4427, 0.3911

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.4970, 0.3575, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9502, 0.4427, 0.3911 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(211, 142, 91)` looks like.

```
.text, #text, p{  
    color:rgb(211, 142, 91)  
}
```

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(211, 142, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 142, 91) }
```

Border

The CSS property to change the border of an element to Yxy 33.9502, 0.4427, 0.3911 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(211, 142, 91) }
```

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

```
.border{ border-color:rgb(211, 142, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 142, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 142, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 142, 91);  
box-shadow:4px 4px 4px 4px rgb(211, 142,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9502, 0.4427, 0.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 142, 91) }
```

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

```
.background{ background-color: rgb(211,  
142, 91) }
```

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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