

Converting Colors

$Y_{xy}(43.1564, 0.4351, 0.4126)$

Have a look what the booklet for
Yxy(43.1564, 0.4351, 0.4126)
contains.

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Color

Yxy(43.1952, 0.4351, 0.4133)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DEA55B |
| RGB | 222, 165, 91 |
| RGB Percent | 87%, 65%, 36% |
| CMY | 0.1293, 0.3530, 0.6430 |
| CMYK | 0.00, 0.26, 0.59, 0.13 |
| HSL | 34°, 67%, 61% |
| HSV | 34°, 59%, 87% |
| XYZ | 45.4736, 43.1952, 15.8442 |
| YIQ | 173.6070, 57.7260, -10.9300 |

Conversions

Conversions Part 2

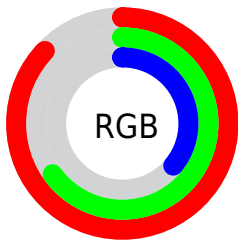
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 192, 222, 91 |
| Decimal | 14591323 |
| CIELab | 71.69, 13.10, 45.99 |
| CIElCh | 72, 47.818, 74.103 |
| Yxy | 43.1952, 0.4351, 0.4133 |
| Android (android.graphics.Color) | 4292781403 (0xFFDEA55B) |
| YUV | 173.6070, -40.7253, 42.4407 |
| Hunter-Lab | 65.7231, 8.4883, 31.7128 |

Details

The Yxy color **43.1952, 0.4351, 0.4133** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **28.6976, 0.2162, 0.2208**, and the grayscale version is **42.3088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4296, 0.3928, 0.4072**, and **19.7569, 0.4659, 0.4300** is the 20% darker color. If you saturate the color by 10%, you get **39.5131, 0.4599, 0.4228**, and if you desaturate by 10%, it is **47.2584, 0.4104, 0.4008**.

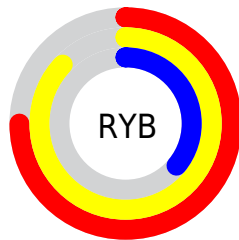
Distribution



Red (87%)

Green (65%)

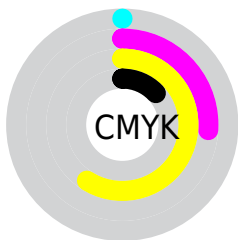
Blue (36%)



Red (75%)

Yellow (87%)

Blue (36%)

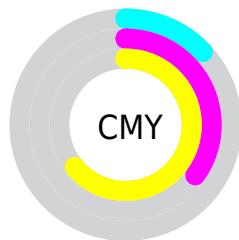


Cyan (0%)

Magenta (26%)

Yellow (59%)

Black (13%)



Cyan (13%)


Magenta (35%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1952, 0.4351, 0.4133 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 43.1952, 0.4351, 0.4133 by changing the saturation by 10% instead.

 43.1952, 0.4351,
0.4133

 43.1952, 0.4351,
0.4133


359.4139, 0.3748,
0.3747

 30.0383, 0.4491,
0.4211


 80.0053, 0.4138,
0.4005

 19.8677, 0.4661,
0.4298


 104.4274, 0.4056,
0.3953

 12.2989, 0.4867,
0.4390


 133.3732, 0.3986,
0.3908

 6.9476, 0.5128,
0.4482

 167.2273, 0.3925,
0.3868

 3.4293, 0.5453,
0.4547

206.3741, 0.3872,
0.3832

 1.3598, 0.5650,
0.4350

251.1978, 0.3826,

 0.1868, 0.7269,

0.3801

0.2731

302.0830, 0.3784,
0.3773

0.0000, 0.0000,
0.0000

43.1952, 0.4351,
0.4133

43.1952, 0.4351,
0.4133

39.5131, 0.4599,
0.4228

47.2584, 0.4104,
0.4008

36.1896, 0.4834,
0.4281

51.7111, 0.3867,
0.3865

33.2087, 0.5043,
0.4282

56.5688, 0.3648,
0.3714

30.5450, 0.5217,
0.4233

61.8444, 0.3449,
0.3563

30.2934, 0.5234,
0.4227

67.5499, 0.3270,
0.3416

■ 73.6967, 0.3112,
0.3276

■ 80.2957, 0.2973,
0.3146

■ 86.4471, 0.2926,
0.3160

■ 92.3638, 0.2928,
0.3259

Harmonies

Analogous

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



43.1952, 0.4486, 0.3636



43.1952, 0.4351, 0.4133



43.1952, 0.3884, 0.4488

Triad

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



43.1952, 0.4351, 0.4133



43.1952, 0.2138, 0.3331



43.1952, 0.2890, 0.2361

Complementary

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



43.1952, 0.4351, 0.4133



28.6976, 0.2162, 0.2208

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.



43.1952, 0.2329, 0.2237



43.1952, 0.4351, 0.4133



43.1952, 0.1935, 0.2709

Square

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



43.1952, 0.4351, 0.4133



43.1952, 0.2604, 0.4043



43.1952, 0.2002, 0.2342



43.1952, 0.3588, 0.2675

Rectangle

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



43.1952, 0.4351, 0.4133



43.1952, 0.3465, 0.4545



43.1952, 0.2002, 0.2342



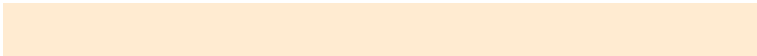
43.1952, 0.2680, 0.2296

Sweetspot

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



43.1973, 0.4351, 0.4133



85.2954, 0.3433, 0.3550



25.2212, 0.4092, 0.2621



17.7874, 0.3488, 0.3594



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.



43.1973, 0.4351, 0.4133



52.8758, 0.4660, 0.4246



67.5285, 0.3910, 0.4700



14.9784, 0.3278, 0.3422



18.2149, 0.5214, 0.4242



1.4398, 0.5014, 0.4401

Inverse Universe

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



28.6976, 0.2162, 0.2208



31.3804, 0.1982, 0.1930



15.3353, 0.2026, 0.1418



14.2200, 0.2981, 0.3154



8.3842, 0.1716, 0.1375



0.7569, 0.1799, 0.1675

Previews

White Background



This preview shows how the Yxy color 43.1952, 0.4351, 0.4133 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 43.1952, 0.4351, 0.4133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

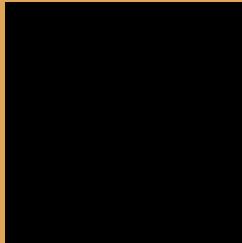
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1952, 0.4351, 0.4133

Background



This preview shows how black text looks on a background with the Yxy color 43.1952, 0.4351, 0.4133.



This preview shows how white text looks on a background with the Yxy color 43.1952, 0.4351, 0.4133.

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

43.1952, 0.4351, 0.4133

Protanopia

43.3462, 0.3973, 0.4323

Deuteranopia

43.3424, 0.4279, 0.4199



Tritanopia

43.0981, 0.3726, 0.3152

Trichromacy



Original Color

43.1952, 0.4351, 0.4133

Protanomaly

43.1506, 0.4104, 0.4249

Deuteranomaly

43.2810, 0.4306, 0.4180

Tritanomaly

42.8585, 0.3979, 0.3516

Monochromacy



Original Color

43.1952, 0.4351, 0.4133

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.2158, 0.3552, 0.3650

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1952, 0.4351, 0.4133 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, 165, 91)` looks like.

```
.text, #text, p{  
    color:rgb(222, 165, 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(222, 165, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 165, 91) }
```

Border

The CSS property to change the border of an element to Yxy 43.1952, 0.4351, 0.4133 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, 165, 91) }
```

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

```
.border{ border-color:rgb(222, 165, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 165, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 165, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 165, 91);  
box-shadow:4px 4px 4px 4px rgb(222, 165,  
91) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 43.1952, 0.4351, 0.4133$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 165, 91) }
```

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

```
.background{ background-color: rgb(222,  
165, 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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