

Converting Colors

$Y_{xy}(43.2279, 0.4385, 0.4145)$

Have a look what the booklet for
Yxy(43.2279, 0.4385, 0.4145)
contains.

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Color

Yxy(43.3195, 0.4376, 0.4149)

Conversions

Conversions Part 1

Format	Color
Hex	DFA559
RGB	223, 165, 89
RGB Percent	87%, 65%, 35%
CMY	0.1255, 0.3529, 0.6510
CMYK	0.00, 0.26, 0.60, 0.13
HSL	34°, 68%, 61%
HSV	34°, 60%, 87%
XYZ	45.6896, 43.3195, 15.4004
YIQ	173.6780, 58.9640, -11.3400

Conversions

Conversions Part 2

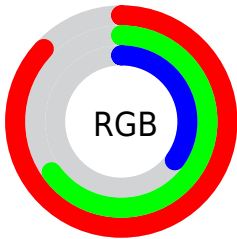
Format	Color
RYB	191, 223, 89
Decimal	14656857
CIELab	71.77, 13.35, 47.13
CIELCh	72, 48.981, 74.179
Yxy	43.3195, 0.4376, 0.4149
Android (android.graphics.Color)	4292846937 (0xFFDFA559)
YUV	173.6780, -41.7463, 43.2554
Hunter-Lab	65.8176, 8.7314, 32.1992

Details

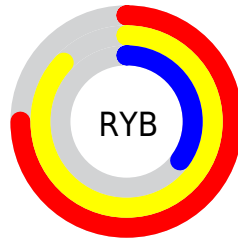
The Yxy color **43.3195, 0.4376, 0.4149** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **28.3117, 0.2144, 0.2178**, and the grayscale version is **42.3495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3695, 0.3941, 0.4091**, and **19.8493, 0.4687, 0.4311** is the 20% darker color. If you saturate the color by 10%, you get **39.6509, 0.4622, 0.4241**, and if you desaturate by 10%, it is **47.3685, 0.4129, 0.4026**.

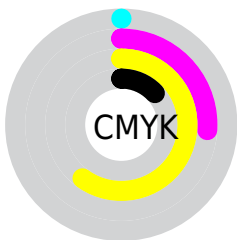
Distribution



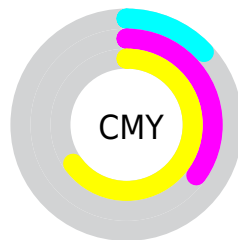
- Red (87%)
- Green (65%)
- Blue (35%)



- Red (75%)
- Yellow (87%)
- Blue (35%)



- Cyan (0%)
- Magenta (26%)
- Yellow (60%)
- Black (13%)





- Cyan (13%)
- Magenta (35%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3195, 0.4376, 0.4149 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 43.3195, 0.4376, 0.4149 by changing the saturation by 10% instead.


 43.3195, 0.4376,
0.4149


 43.3195, 0.4376,
0.4149


359.9241, 0.3762,
0.3758

 30.1359, 0.4517,
0.4227


 80.1928, 0.4160,
0.4020

 19.9417, 0.4688,
0.4314


 104.6512, 0.4076,
0.3967

 12.3527, 0.4895,
0.4403


 133.6367, 0.4005,
0.3921

 6.9844, 0.5160,
0.4496

 167.5337, 0.3943,
0.3881

 3.4523, 0.5463,
0.4537

206.7265, 0.3889,
0.3845

 1.3722, 0.5662,
0.4338

251.5996, 0.3841,

 0.1961, 0.7232,

0.3813

0.2768

302.5373, 0.3799,
0.3784

■ 0.0000, 0.0000,
0.0000

■ 43.3195, 0.4376,
0.4149

■ 43.3195, 0.4376,
0.4149

■ 39.6509, 0.4622,
0.4241

■ 47.3685, 0.4129,
0.4026

■ 36.3400, 0.4854,
0.4289

■ 51.8063, 0.3892,
0.3884

■ 33.3703, 0.5057,
0.4284

■ 56.6489, 0.3671,
0.3733

■ 30.7379, 0.5226,
0.4232

■ 61.9091, 0.3469,
0.3581

■ 67.5991, 0.3289,
0.3432

■ 73.7303, 0.3129,
0.3291

■ 80.3138, 0.2987,
0.3159

■ 86.5365, 0.2931,
0.3159

■ 92.4402, 0.2934,
0.3258

Harmonies

Analogous

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



43.3195, 0.4517, 0.3641



43.3195, 0.4376, 0.4149



43.3195, 0.3896, 0.4515

Triad

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



43.3195, 0.4376, 0.4149



43.3195, 0.2116, 0.3328



43.3195, 0.2886, 0.2343

Complementary

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



43.3195, 0.4376, 0.4149



28.3117, 0.2144, 0.2178

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.



43.3195, 0.2313, 0.2216



43.3195, 0.4376, 0.4149



43.3195, 0.1911, 0.2693

Square

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



43.3195, 0.4376, 0.4149



43.3195, 0.2589, 0.4060



43.3195, 0.1980, 0.2321



43.3195, 0.3600, 0.2663

Rectangle

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



43.3195, 0.4376, 0.4149



43.3195, 0.3468, 0.4576



43.3195, 0.1980, 0.2321



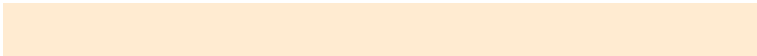
43.3195, 0.2672, 0.2277

Sweetspot

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



43.3216, 0.4376, 0.4149



85.3636, 0.3432, 0.3551



24.9386, 0.4152, 0.2637



17.8041, 0.3488, 0.3595



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.



43.3216, 0.4376, 0.4149



52.5938, 0.4680, 0.4257



67.8035, 0.3903, 0.4731



14.9845, 0.3278, 0.3423



18.3019, 0.5207, 0.4248



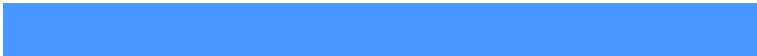
1.4456, 0.5008, 0.4405

Inverse Universe

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



28.3117, 0.2144, 0.2178



30.6604, 0.1967, 0.1902



15.0619, 0.2019, 0.1388



14.2140, 0.2981, 0.3153



8.3210, 0.1713, 0.1367



0.7522, 0.1797, 0.1668

Previews

White Background



This preview shows how the Yxy color 43.3195, 0.4376, 0.4149 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 43.3195, 0.4376, 0.4149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

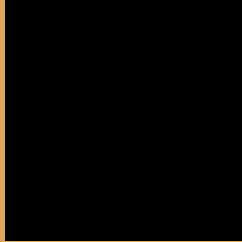
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3195, 0.4376, 0.4149

Background



This preview shows how black text looks on a background with the Yxy color 43.3195, 0.4376, 0.4149.



This preview shows how white text looks on a background with the Yxy color 43.3195, 0.4376, 0.4149.

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

43.3195, 0.4376, 0.4149

Protanopia

43.3103, 0.3988, 0.4345

Deuteranopia

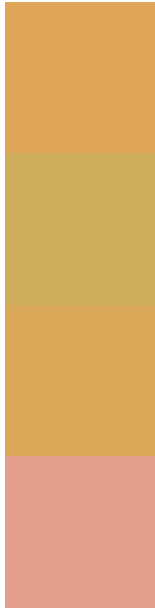
43.4616, 0.4304, 0.4215



Tritanopia

43.2621, 0.3736, 0.3153

Trichromacy



Original Color

43.3195, 0.4376, 0.4149

Protanomaly

43.2569, 0.4129, 0.4267

Deuteranomaly

43.4021, 0.4330, 0.4196

Tritanomaly

42.9912, 0.3999, 0.3527

Monochromacy



Original Color

43.3195, 0.4376, 0.4149

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.3155, 0.3571, 0.3662

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3195, 0.4376, 0.4149 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, 165, 89)` looks like.

```
.text, #text, p{  
    color:rgb(223, 165, 89)  
}
```

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, 165, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 165, 89) }
```

Border

The CSS property to change the border of an element to Yxy 43.3195, 0.4376, 0.4149 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, 165, 89) }
```

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

```
.border{ border-color:rgb(223, 165, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 165, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 165, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 165, 89);  
box-shadow:4px 4px 4px 4px rgb(223, 165,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3195, 0.4376, 0.4149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 165, 89) }
```

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

```
.background{ background-color: rgb(223,  
165, 89) }
```

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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