

Converting Colors

$Yxy(43.0676, 0.4625, 0.4197)$

Have a look what the booklet for
Yxy(43.0676, 0.4625, 0.4197)
contains.

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Color

Yxy(42.9463, 0.4626, 0.4193)

Conversions

Conversions Part 1

Format	Color
Hex	E9A049
RGB	233, 160, 73
RGB Percent	91%, 63%, 29%
CMY	0.0862, 0.3726, 0.7137
CMYK	0.00, 0.31, 0.69, 0.09
HSL	33°, 78%, 60%
HSV	33°, 69%, 91%
XYZ	47.3813, 42.9463, 12.0963
YIQ	171.9090, 71.4350, -11.5810

Conversions

Conversions Part 2

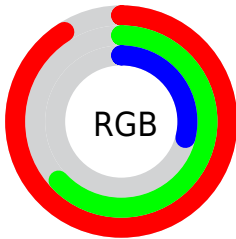
Format	Color
R _Y B	207, 233, 73
Decimal	15310921
CIE Lab	71.52, 19.22, 54.75
CIE LCh	72, 58.024, 70.657
Yxy	42.9463, 0.4626, 0.4193
Android (android.graphics.Color)	4293501001 (0xFFE9A049)
YUV	171.9090, -48.7621, 53.5768
Hunter-Lab	65.5334, 14.3736, 34.9296

Details

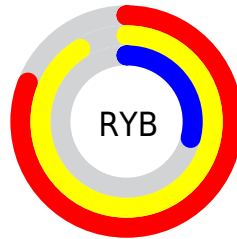
The Yxy color **42.9463, 0.4626, 0.4193** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **27.8649, 0.2030, 0.2040**, and the grayscale version is **41.4325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3415, 0.4071, 0.4194**, and **19.6530, 0.4987, 0.4317** is the 20% darker color. If you saturate the color by 10%, you get **39.1647, 0.4873, 0.4242**, and if you desaturate by 10%, it is **47.1632, 0.4368, 0.4102**.

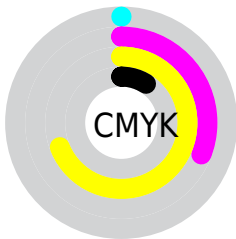
Distribution



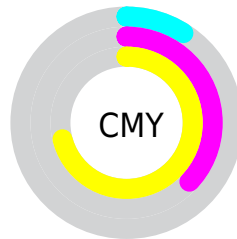
- Red (91%)
- Green (63%)
- Blue (29%)



- Red (81%)
- Yellow (91%)
- Blue (29%)



- Cyan (0%)
- Magenta (31%)
- Yellow (69%)
- Black (9%)




- Cyan (9%)
- Magenta (37%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9463, 0.4626, 0.4193 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 42.9463, 0.4626, 0.4193 by changing the saturation by 10% instead.


 42.9463, 0.4626,
0.4193


 42.9463, 0.4626,
0.4193


358.3909, 0.3898,
0.3807


 29.8430, 0.4787,
0.4259


 79.6298, 0.4374,
0.4074

 19.7194, 0.4978,
0.4323


 103.9788, 0.4275,
0.4022


 12.1913, 0.5199,
0.4373


 132.8452, 0.4190,
0.3976

 6.8741, 0.5544,
0.4456

 166.6132, 0.4116,
0.3935

 3.3835, 0.5710,
0.4290

 205.6675, 0.4051,
0.3898

 1.3351, 0.5986,
0.4014

250.3922, 0.3994,

 0.1681, 0.7891,

0.3865

0.2109

301.1719, 0.3943,
0.3834

0.0000, 0.0000,
0.0000

42.9463, 0.4626,
0.4193

42.9463, 0.4626,
0.4193

39.1647, 0.4873,
0.4242

47.1632, 0.4368,
0.4102

35.7905, 0.5092,
0.4239

51.8282, 0.4113,
0.3980


32.7974, 0.5276,
0.4184

56.9609, 0.3870,
0.3842


32.4234, 0.5299,
0.4175


62.5775, 0.3647,
0.3695

68.6933, 0.3445,
0.3549

 75.3226, 0.3266,
0.3407

 82.4793, 0.3107,
0.3273

 89.8884, 0.2993,
0.3191

 96.0659, 0.2994,
0.3290

Harmonies

Analogous

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



42.9463, 0.4758, 0.3595



42.9463, 0.4626, 0.4193



42.9463, 0.4085, 0.4687

Triad

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



42.9463, 0.4626, 0.4193



42.9463, 0.1991, 0.3425



42.9463, 0.2744, 0.2168

Complementary

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



42.9463, 0.4626, 0.4193



27.8649, 0.2030, 0.2040

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.



42.9463, 0.2118, 0.2048



42.9463, 0.4626, 0.4193



42.9463, 0.1731, 0.2642

Square

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



42.9463, 0.4626, 0.4193



42.9463, 0.2562, 0.4315



42.9463, 0.1778, 0.2189



42.9463, 0.3579, 0.2508

Rectangle

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



42.9463, 0.4626, 0.4193



42.9463, 0.3593, 0.4830



42.9463, 0.1778, 0.2189



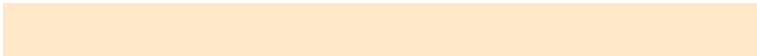
42.9463, 0.2505, 0.2102

Sweetspot

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



42.9485, 0.4626, 0.4193



82.4064, 0.3492, 0.3584



24.2198, 0.4307, 0.2525



17.1883, 0.3548, 0.3625



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.



42.9485, 0.4626, 0.4193



46.4540, 0.4959, 0.4248



75.2084, 0.4016, 0.4853



16.4111, 0.3279, 0.3418



18.6465, 0.5277, 0.4192



1.6562, 0.5086, 0.4343

Inverse Universe

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



27.8649, 0.2030, 0.2040



26.9417, 0.1867, 0.1750



12.2841, 0.1826, 0.1107



15.6813, 0.2980, 0.3159



9.4663, 0.1733, 0.1438



0.9335, 0.1806, 0.1701

Previews

White Background



This preview shows how the Yxy color 42.9463, 0.4626, 0.4193 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 42.9463, 0.4626, 0.4193 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 42.9463, 0.4626, 0.4193

Background



This preview shows how black text looks on a background with the Yxy color 42.9463, 0.4626, 0.4193.



This preview shows how white text looks on a background with the Yxy color 42.9463, 0.4626, 0.4193.

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

42.9463, 0.4626, 0.4193

Protanopia

43.2028, 0.4101, 0.4497

Deuteranopia

42.9978, 0.4440, 0.4351



Tritanopia

42.7721, 0.3915, 0.3158

Trichromacy



Original Color

42.9463, 0.4626, 0.4193

Protanomaly

42.8266, 0.4297, 0.4384

Deuteranomaly

42.7068, 0.4506, 0.4288

Tritanomaly

42.7274, 0.4211, 0.3562

Monochromacy



Original Color

42.9463, 0.4626, 0.4193

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2522, 0.3664, 0.3715

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9463, 0.4626, 0.4193 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(233, 160, 73)` looks like.

```
.text, #text, p{  
    color:rgb(233, 160, 73)  
}
```

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(233, 160, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 160, 73) }
```

Border

The CSS property to change the border of an element to Yxy 42.9463, 0.4626, 0.4193 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(233, 160, 73) }
```

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

```
.border{ border-color:rgb(233, 160, 73) }
```

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

Here you see how a box with a 4 pixel rgb(233, 160, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 160, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 160, 73);  
box-shadow:4px 4px 4px 4px rgb(233, 160,  
73) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 42.9463, 0.4626, 0.4193$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 160, 73) }
```

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

```
.background{ background-color: rgb(233,  
160, 73) }
```

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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