

Converting Colors

$Yxy(39.3063, 0.4675, 0.4257)$

Have a look what the booklet for
Yxy(39.3063, 0.4675, 0.4257)
contains.

Yxy(39.3063, 0.4675, 0.4257)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.3063, 0.4675, 0.4257)

Conversions

Conversions Part 1

Format	Color
Hex	E09A3E
RGB	224, 154, 62
RGB Percent	88%, 60%, 24%
CMY	0.1215, 0.3961, 0.7571
CMYK	0.00, 0.31, 0.72, 0.12
HSL	34°, 72%, 56%
HSV	34°, 72%, 88%
XYZ	43.1658, 39.3063, 9.8612
YIQ	164.4420, 71.2520, -13.7720

Conversions

Conversions Part 2

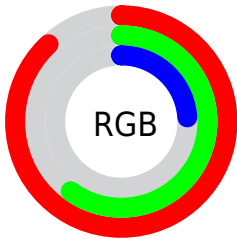
Format	Color
RYB	185, 224, 62
Decimal	14719550
CIELab	68.97, 18.07, 56.69
CIELCh	69, 59.498, 72.321
Yxy	39.3063, 0.4675, 0.4257
Android (android.graphics.Color)	4292909630 (0xFFE09A3E)
YUV	164.4420, -50.5039, 52.2324
Hunter-Lab	62.6947, 13.1829, 34.5606

Details

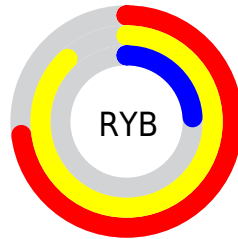
The Yxy color **39.3063, 0.4675, 0.4257** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **22.8930, 0.1969, 0.1903**, and the grayscale version is **37.5651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5867, 0.4181, 0.4228**, and **17.5930, 0.5029, 0.4389** is the 20% darker color. If you saturate the color by 10%, you get **36.0447, 0.4901, 0.4294**, and if you desaturate by 10%, it is **42.9306, 0.4431, 0.4174**.

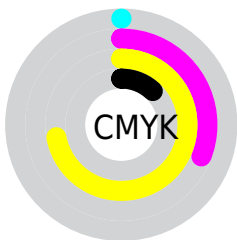
Distribution



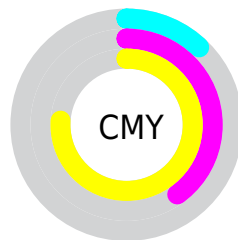
- Red (88%)
- Green (60%)
- Blue (24%)



- Red (73%)
- Yellow (88%)
- Blue (24%)



- Cyan (0%)
- Magenta (31%)
- Yellow (72%)
- Black (12%)





- Cyan (12%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3063, 0.4675, 0.4257 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 39.3063, 0.4675, 0.4257 by changing the saturation by 10% instead.


 39.3063, 0.4675,
0.4257


 39.3063, 0.4675,
0.4257


343.1910, 0.3919,
0.3841

 26.9981, 0.4841,
0.4326


 74.1060, 0.4414,
0.4129

 17.5718, 0.5034,
0.4390


 97.3663, 0.4311,
0.4074


 10.6430, 0.5257,
0.4437

 125.0461, 0.4223,
0.4024

 5.8273, 0.5539,
0.4461

 157.5297, 0.4146,
0.3979

 2.7404, 0.5717,
0.4283

 195.2016, 0.4078,
0.3939

 0.9977, 0.6022,
0.3978

238.4462, 0.4019,

 0.0000, 1.0000,

0.3903

0.0000

287.6479, 0.3966,
0.3870

■ 0.0000, 0.0000,
0.0000

■ 39.3063, 0.4675,
0.4257

■ 39.3063, 0.4675,
0.4257

■ 36.0447, 0.4901,
0.4294

■ 42.9306, 0.4431,
0.4174

■ 33.1205, 0.5096,
0.4277

■ 46.9286, 0.4184,
0.4057

■ 31.0909, 0.5224,
0.4234

■ 51.3176, 0.3944,
0.3918

■ 56.1116, 0.3719,
0.3768

■ 61.3239, 0.3513,
0.3615

■ 66.9668, 0.3328,
0.3465

■ 73.0520, 0.3163,
0.3322

■ 79.5908, 0.3018,
0.3188

■ 86.0308, 0.2937,
0.3148

Harmonies

Analogous

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



39.3063, 0.4851, 0.3632



39.3063, 0.4675, 0.4257



39.3063, 0.4083, 0.4775

Triad

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



39.3063, 0.4675, 0.4257



39.3063, 0.1910, 0.3375



39.3063, 0.2766, 0.2132

Complementary

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



39.3063, 0.4675, 0.4257



22.8930, 0.1969, 0.1903

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.



39.3063, 0.2097, 0.1992



39.3063, 0.4675, 0.4257



39.3063, 0.1662, 0.2567

Square

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



39.3063, 0.4675, 0.4257



39.3063, 0.2487, 0.4334



39.3063, 0.1730, 0.2118



39.3063, 0.3653, 0.2496

Rectangle

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



39.3063, 0.4675, 0.4257



39.3063, 0.3561, 0.4921



39.3063, 0.1730, 0.2118



39.3063, 0.2511, 0.2058

Sweetspot

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



39.3083, 0.4675, 0.4257



82.4008, 0.3509, 0.3612



20.9584, 0.4490, 0.2568



17.2156, 0.3563, 0.3654



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.



39.3083, 0.4675, 0.4257



46.2263, 0.5009, 0.4292



67.8380, 0.3999, 0.4930



14.9863, 0.3278, 0.3423



18.3288, 0.5204, 0.4250



1.4474, 0.5006, 0.4407

Inverse Universe

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



22.8930, 0.1969, 0.1903



23.2404, 0.1799, 0.1576



10.2284, 0.1796, 0.1026



14.2122, 0.2981, 0.3153



8.3016, 0.1713, 0.1365



0.7508, 0.1796, 0.1666

Previews

White Background



This preview shows how the Yxy color 39.3063, 0.4675, 0.4257 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 39.3063, 0.4675, 0.4257 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 39.3063, 0.4675, 0.4257

Background



This preview shows how black text looks on a background with the Yxy color 39.3063, 0.4675, 0.4257.



This preview shows how white text looks on a background with the Yxy color 39.3063, 0.4675, 0.4257.

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

39.3063, 0.4675, 0.4257

Protanopia

39.4606, 0.4164, 0.4575

Deuteranopia

39.3167, 0.4507, 0.4402



Tritanopia

39.1361, 0.3924, 0.3165

Trichromacy



Original Color

39.3063, 0.4675, 0.4257

Protanomaly

39.3501, 0.4342, 0.4459

Deuteranomaly

39.3896, 0.4568, 0.4347

Tritanomaly

39.0543, 0.4251, 0.3606

Monochromacy



Original Color

39.3063, 0.4675, 0.4257

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.1130, 0.3699, 0.3746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3063, 0.4675, 0.4257 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(224, 154, 62)` looks like.

```
.text, #text, p{  
    color:rgb(224, 154, 62)  
}
```

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(224, 154, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 154, 62) }
```

Border

The CSS property to change the border of an element to Yxy 39.3063, 0.4675, 0.4257 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(224, 154, 62) }
```

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

```
.border{ border-color:rgb(224, 154, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 154, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 154, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 154, 62);  
box-shadow:4px 4px 4px 4px rgb(224, 154,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3063, 0.4675, 0.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 154, 62) }
```

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

```
.background{ background-color: rgb(224,  
154, 62) }
```

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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