

Converting Colors

$Yxy(43.1461, 0.4924, 0.4473)$

Have a look what the booklet for
Yxy(43.1461, 0.4924, 0.4473)
contains.

Yxy(43.1461, 0.4924, 0.4473)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.1461, 0.4924, 0.4473)

Conversions

Conversions Part 1

Format	Color
Hex	EDA000
RGB	237, 160, 0
RGB Percent	93%, 63%, 0%
CMY	0.0706, 0.3725, 1.0000
CMYK	0.00, 0.32, 1.00, 0.07
HSL	41°, 100%, 46%
HSV	41°, 100%, 93%
XYZ	47.4964, 43.1461, 5.8165
YIQ	164.7830, 97.2520, -33.4360

Conversions

Conversions Part 2

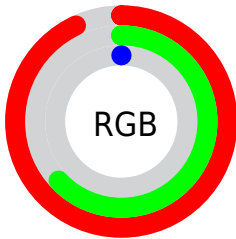
Format	Color
RYB	114, 237, 0
Decimal	15572992
CIELab	71.65, 18.96, 75.80
CIELCh	72, 78.138, 75.960
Yxy	43.1461, 0.4924, 0.4473
Android (android.graphics.Color)	4293763072 (0xFFEDA000)
YUV	164.7830, -81.2380, 63.3343
Hunter-Lab	65.6857, 14.1209, 40.7298

Details

The Yxy color **43.1461, 0.4924, 0.4473** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **11.4228, 0.1620, 0.1031**, and the grayscale version is **37.8813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4109, 0.4328, 0.4554**, and **20.0512, 0.5049, 0.4373** is the 20% darker color. If you saturate the color by 10%, you get **43.1489, 0.4924, 0.4473**, and if you desaturate by 10%, it is **45.9668, 0.4801, 0.4500**.

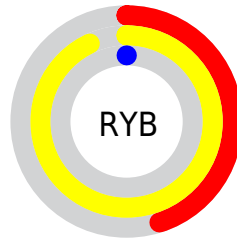
Distribution



Red (93%)

Green (63%)

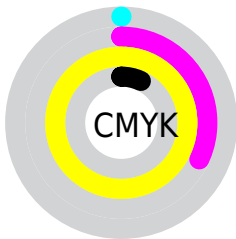
Blue (0%)



Red (45%)

Yellow (93%)

Blue (0%)

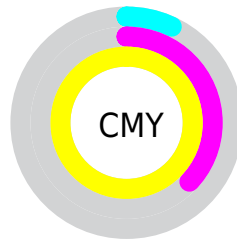


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (7%)



Cyan (7%)


Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1461, 0.4924, 0.4473 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 43.1461, 0.4924, 0.4473 by changing the saturation by 10% instead.

 43.1461, 0.4924,
0.4473


 43.1461, 0.4924,
0.4473


359.2123, 0.4113,
0.4021

 29.9998, 0.5073,
0.4525


 79.9313, 0.4666,
0.4353


 19.8384, 0.5231,
0.4556


 104.3389, 0.4557,
0.4294

 12.2776, 0.5423,
0.4577


 133.2691, 0.4460,
0.4239

 6.9331, 0.5533,
0.4467

 167.1063, 0.4374,
0.4188

 3.4203, 0.5697,
0.4303

 206.2348, 0.4298,
0.4141

 1.3549, 0.5968,
0.4032


 251.0390, 0.4230,


 0.1831, 0.7767,


0.4097

0.2233


 301.9034, 0.4168,
0.4058


 0.0000, 0.0000,
0.0000

 43.1461, 0.4924,
0.4473


 43.1461, 0.4924,
0.4473

 43.1489, 0.4924,
0.4473

 45.9668, 0.4801,
0.4500

 49.0320, 0.4649,
0.4482

 52.3723, 0.4467,
0.4413

 56.0051, 0.4267,
0.4300

 59.9453, 0.4058,
0.4155

■ 64.2065, 0.3849,
0.3989

■ 68.8009, 0.3647,
0.3812

■ 73.7397, 0.3459,
0.3633

■ 79.0336, 0.3285,
0.3458

Harmonies

Analogous

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



43.1461, 0.5282, 0.3714



43.1461, 0.4924, 0.4473



43.1461, 0.4119, 0.5166

Triad

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



43.1461, 0.4924, 0.4473



43.1461, 0.1571, 0.3214



43.1461, 0.2783, 0.1932

Complementary

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



43.1461, 0.4924, 0.4473



11.4228, 0.1620, 0.1031

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.



43.1461, 0.1943, 0.1731



43.1461, 0.4924, 0.4473



43.1461, 0.1354, 0.2269

Square

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



43.1461, 0.4924, 0.4473



43.1461, 0.2193, 0.4517



43.1461, 0.1481, 0.1818



43.1461, 0.3919, 0.2383

Rectangle

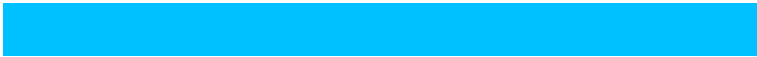
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.1461, 0.4924, 0.4473



43.1461, 0.3468, 0.5380



43.1461, 0.1481, 0.1818



43.1461, 0.2460, 0.1835

Sweetspot

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



43.1489, 0.4924, 0.4473



81.1692, 0.3650, 0.3815



18.5702, 0.5680, 0.2903



16.8720, 0.3734, 0.3890



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.



43.1489, 0.4924, 0.4473



50.8231, 0.4927, 0.4470



72.5108, 0.3897, 0.5288



16.7541, 0.3276, 0.3449



23.8050, 0.4909, 0.4485



2.0428, 0.4785, 0.4583

Inverse Universe

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



11.4228, 0.1620, 0.1031



13.3832, 0.1618, 0.1025



6.5560, 0.1564, 0.0635



15.3481, 0.2980, 0.3126



6.4479, 0.1628, 0.1060



0.6755, 0.1704, 0.1336

Previews

White Background



This preview shows how the Yxy color 43.1461, 0.4924, 0.4473 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 43.1461, 0.4924, 0.4473 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 43.1461, 0.4924, 0.4473

Background



This preview shows how black text looks on a background with the Yxy color 43.1461, 0.4924, 0.4473.



This preview shows how white text looks on a background with the Yxy color 43.1461, 0.4924, 0.4473.

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

43.1461, 0.4924, 0.4473

Protanopia

43.2302, 0.4393, 0.4848

Deuteranopia

43.3254, 0.4727, 0.4628



Tritanopia

43.2661, 0.3988, 0.3172

Trichromacy



Original Color

43.1461, 0.4924, 0.4473

Protanomaly

42.9175, 0.4593, 0.4708

Deuteranomaly

43.0449, 0.4804, 0.4568

Tritanomaly

42.4425, 0.4525, 0.3836

Monochromacy



Original Color

43.1461, 0.4924, 0.4473

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.2907, 0.3941, 0.4064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1461, 0.4924, 0.4473 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(237, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(237, 160, 0)  
}
```

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(237, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 160, 0) }
```

Border

The CSS property to change the border of an element to Yxy 43.1461, 0.4924, 0.4473 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(237, 160, 0) }
```

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

```
.border{ border-color:rgb(237, 160, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 160, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(237, 160,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1461, 0.4924, 0.4473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 160, 0) }
```

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

```
.background{ background-color: rgb(237,  
160, 0) }
```

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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