

Converting Colors

Yxy(39.2634, 0.5137, 0.4303)

Have a look what the booklet for
Yxy(39.2634, 0.5137, 0.4303)
contains.

Yxy(39.1280, 0.5139, 0.4302)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.1280, 0.5139, 0.4302)

Conversions

Conversions Part 1

Format	Color
Hex	F29100
RGB	242, 145, 0
RGB Percent	95%, 57%, 0%
CMY	0.0510, 0.4313, 1.0000
CMYK	0.00, 0.40, 1.00, 0.05
HSL	36°, 100%, 47%
HSV	36°, 100%, 95%
XYZ	46.7408, 39.1280, 5.0843
YIQ	157.4730, 104.3570, -24.5310

Conversions

Conversions Part 2

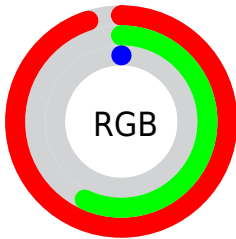
Format	Color
R_{YB}	162, 242, 0
Decimal	15896832
CIE Lab	68.84, 28.95, 74.26
CIE LCh	69, 79.707, 68.700
Yxy	39.1280, 0.5139, 0.4302
Android (android.graphics.Color)	4294086912 (0xFFFF29100)
YUV	157.4730, -77.6342, 74.1302
Hunter-Lab	62.5524, 23.9132, 38.9676

Details

The Yxy color **39.1280, 0.5139, 0.4302** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **14.9559, 0.1677, 0.1235**, and the grayscale version is **34.2654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.6148, 0.4464, 0.4442**, and **17.5891, 0.5330, 0.4150** is the 20% darker color. If you saturate the color by 10%, you get **39.1304, 0.5139, 0.4302**, and if you desaturate by 10%, it is **42.2890, 0.4984, 0.4349**.

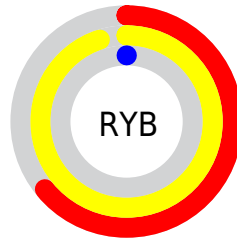
Distribution



Red (95%)

Green (57%)

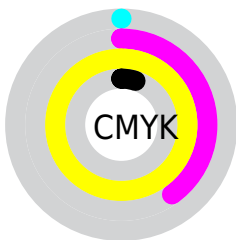
Blue (0%)



Red (64%)

Yellow (95%)

Blue (0%)

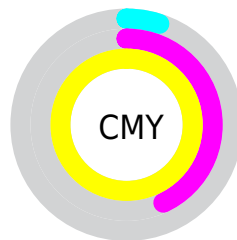


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (43%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1280, 0.5139, 0.4302 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 39.1280, 0.5139, 0.4302 by changing the saturation by 10% instead.


 39.1280, 0.5139,
0.4302


 39.1280, 0.5139,
0.4302


342.4344, 0.4206,
0.3952


 26.8593, 0.5317,
0.4323


 73.8338, 0.4836,
0.4223


 17.4676, 0.5513,
0.4315


 97.0397, 0.4710,
0.4179


 10.5684, 0.5734,
0.4266


 124.6602, 0.4600,
0.4135

 5.7774, 0.5910,
0.4090

 157.0796, 0.4502,
0.4093

 2.7102, 0.6173,
0.3827

 194.6823, 0.4415,
0.4054


 0.9824, 0.6609,
0.3391


 237.8528, 0.4337,


 0.0000, 1.0000,


0.4017


0.0000


 286.9753, 0.4268,
0.3983

 0.0000, 0.0000,
0.0000

 39.1280, 0.5139,
0.4302


 39.1280, 0.5139,
0.4302


 39.1304, 0.5139,
0.4302

 42.2890, 0.4984,
0.4349

 45.7898, 0.4796,
0.4348

 49.6647, 0.4579,
0.4294

 53.9348, 0.4347,
0.4196

 58.6185, 0.4110,
0.4067

■ 63.7326, 0.3881,
0.3917

■ 69.2924, 0.3665,
0.3757

■ 75.3123, 0.3466,
0.3596

■ 81.8058, 0.3287,
0.3439

Harmonies

Analogous

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



39.1280, 0.5371, 0.3528



39.1280, 0.5139, 0.4302



39.1280, 0.4371, 0.5085

Triad

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



39.1280, 0.5139, 0.4302



39.1280, 0.1616, 0.3521



39.1280, 0.2514, 0.1803

Complementary

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



39.1280, 0.5139, 0.4302



14.9559, 0.1677, 0.1235

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.



39.1280, 0.1742, 0.1663



39.1280, 0.5139, 0.4302



39.1280, 0.1304, 0.2400

Square

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



39.1280, 0.5139, 0.4302



39.1280, 0.2355, 0.4895



39.1280, 0.1356, 0.1827



39.1280, 0.3656, 0.2209

Rectangle

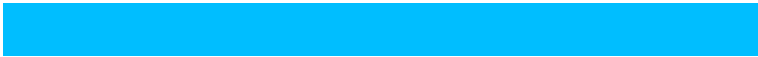
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.1280, 0.5139, 0.4302



39.1280, 0.3713, 0.5443



39.1280, 0.1356, 0.1827



39.1280, 0.2210, 0.1725

Sweetspot

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



39.1304, 0.5139, 0.4302



77.9899, 0.3666, 0.3759



19.8121, 0.5351, 0.2721



16.1134, 0.3756, 0.3827



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.



39.1304, 0.5139, 0.4302



43.9795, 0.5142, 0.4299



79.0015, 0.4046, 0.5170



17.3344, 0.3278, 0.3431



21.2975, 0.5119, 0.4318



1.9660, 0.4964, 0.4441

Inverse Universe

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



14.9559, 0.1677, 0.1235



16.7606, 0.1675, 0.1230



6.5608, 0.1521, 0.0612



16.2684, 0.2980, 0.3145



8.2854, 0.1685, 0.1266



0.8789, 0.1757, 0.1525

Previews

White Background



This preview shows how the Yxy color 39.1280, 0.5139, 0.4302 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 39.1280, 0.5139, 0.4302 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 39.1280, 0.5139, 0.4302

Background



This preview shows how black text looks on a background with the Yxy color 39.1280, 0.5139, 0.4302.



This preview shows how white text looks on a background with the Yxy color 39.1280, 0.5139, 0.4302.

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

39.1280, 0.5139, 0.4302

Protanopia

39.3668, 0.4376, 0.4848

Deuteranopia

39.2877, 0.4720, 0.4634



Tritanopia

39.1464, 0.4243, 0.3186

Trichromacy



Original Color

39.1280, 0.5139, 0.4302

Protanomaly

38.7211, 0.4668, 0.4644

Deuteranomaly

39.2900, 0.4875, 0.4511

Tritanomaly

38.6504, 0.4764, 0.3771

Monochromacy



Original Color

39.1280, 0.5139, 0.4302

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.3939, 0.4017, 0.4013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1280, 0.5139, 0.4302 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(242, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 145, 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(242, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 145, 0) }
```

Border

The CSS property to change the border of an element to Yxy 39.1280, 0.5139, 0.4302 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(242, 145, 0) }
```

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

```
.border{ border-color:rgb(242, 145, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 145, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 145,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1280, 0.5139, 0.4302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 145, 0) }
```

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

```
.background{ background-color: rgb(242,  
145, 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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