

Converting Colors

Yxy(43.3485, 0.5014, 0.4113)

Have a look what the booklet for
Yxy(43.3485, 0.5014, 0.4113)
contains.

Yxy(43.3485, 0.5014, 0.4113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.3485, 0.5014, 0.4113)

Conversions

Conversions Part 1

Format	Color
Hex	FF9637
RGB	255, 150, 55
RGB Percent	100%, 59%, 22%
CMY	0.0000, 0.4118, 0.7842
CMYK	0.00, 0.41, 0.78, 0.00
HSL	28°, 100%, 61%
HSV	28°, 78%, 100%
XYZ	52.8445, 43.3485, 9.2009
YIQ	170.5650, 93.0750, -7.2850

Conversions

Conversions Part 2

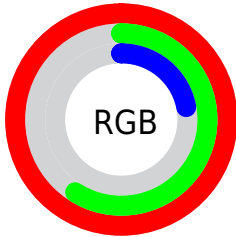
Format	Color
R_{YB}	255, 236, 55
Decimal	16750135
CIE _{Lab}	71.79, 32.73, 63.60
CIE _{LCh}	72, 71.528, 62.767
Yxy	43.3485, 0.5014, 0.4113
Android (android.graphics.Color)	4294940215 (0xFFFF9637)
YUV	170.5650, -56.9735, 74.0495
Hunter-Lab	65.8396, 28.0493, 37.8021

Details

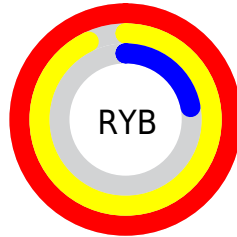
The Yxy color **43.3485, 0.5014, 0.4113** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **33.1924, 0.1955, 0.2015**, and the grayscale version is **40.7494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0054, 0.4237, 0.4252**, and **19.9418, 0.5380, 0.4110** is the 20% darker color. If you saturate the color by 10%, you get **39.1286, 0.5268, 0.4094**, and if you desaturate by 10%, it is **48.1770, 0.4731, 0.4079**.

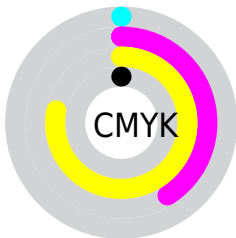
Distribution



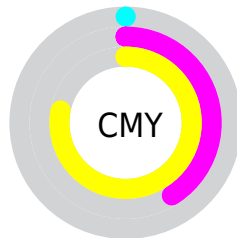
- Red (100%)
- Green (59%)
- Blue (22%)



- Red (100%)
- Yellow (93%)
- Blue (22%)



- Cyan (0%)
- Magenta (41%)
- Yellow (78%)
- Black (0%)




- Cyan (0%)
- Magenta (41%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3485, 0.5014, 0.4113 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 43.3485, 0.5014, 0.4113 by changing the saturation by 10% instead.


 43.3485, 0.5014,
0.4113


 43.3485, 0.5014,
0.4113


360.0430, 0.4113,
0.3817


 30.1587, 0.5204,
0.4141


 80.2365, 0.4709,
0.4039


 19.9590, 0.5423,
0.4149


 104.7034, 0.4587,
0.4001

 12.3653, 0.5678,
0.4125


 133.6982, 0.4481,
0.3965

 6.9930, 0.5967,
0.4033

 167.6051, 0.4388,
0.3931

 3.4577, 0.6221,
0.3779

 206.8087, 0.4307,
0.3899

 1.3751, 0.6624,
0.3376

 251.6933, 0.4235,

 0.1983, 0.8340,

0.3870

0.1660

302.6433, 0.4171,
0.3843

■ 0.0000, 0.0000,
0.0000

■ 43.3485, 0.5014,
0.4113

■ 43.3485, 0.5014,
0.4113

■ 39.1286, 0.5268,
0.4094

■ 48.1770, 0.4731,
0.4079

■ 35.4860, 0.5480,
0.4020

■ 53.6558, 0.4440,
0.4003


■ 34.9554, 0.5511,
0.4006

■ 59.8113, 0.4158,
0.3897

■ 66.6703, 0.3896,
0.3774

■ 74.2580, 0.3658,
0.3645

 82.5981, 0.3448,
0.3515

 91.7130, 0.3264,
0.3390

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



43.3485, 0.5052, 0.3415



43.3485, 0.5014, 0.4113



43.3485, 0.4435, 0.4796

Triad

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



43.3485, 0.5014, 0.4113



43.3485, 0.1899, 0.3742



43.3485, 0.2428, 0.1907

Complementary

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



43.3485, 0.5014, 0.4113



33.1924, 0.1955, 0.2015

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.



43.3485, 0.1792, 0.1835



43.3485, 0.5014, 0.4113



43.3485, 0.1519, 0.2687

Square

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



43.3485, 0.5014, 0.4113



43.3485, 0.2642, 0.4827



43.3485, 0.1496, 0.2065



43.3485, 0.3386, 0.2235

Rectangle

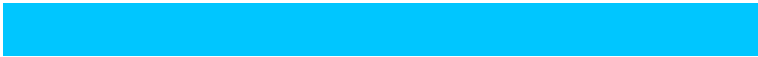
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.3485, 0.5014, 0.4113



43.3485, 0.3876, 0.5122



43.3485, 0.1496, 0.2065



43.3485, 0.2176, 0.1853

Sweetspot

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



43.3455, 0.5014, 0.4113



77.8468, 0.3562, 0.3587



26.5936, 0.4373, 0.2369



16.0402, 0.3639, 0.3633



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.



43.3455, 0.5014, 0.4113



37.0274, 0.5392, 0.4058



88.8770, 0.4171, 0.4903



19.4098, 0.3282, 0.3403



18.5592, 0.5484, 0.4027



2.0240, 0.5299, 0.4174

Inverse Universe

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



33.1924, 0.1955, 0.2015



26.4270, 0.1823, 0.1733



11.4466, 0.1661, 0.0891



18.9566, 0.2979, 0.3174



12.9709, 0.1794, 0.1659



1.4818, 0.1849, 0.1857

Previews

White Background



This preview shows how the Yxy color 43.3485, 0.5014, 0.4113 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 43.3485, 0.5014, 0.4113 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 43.3485, 0.5014, 0.4113

Background



This preview shows how black text looks on a background with the Yxy color 43.3485, 0.5014, 0.4113.



This preview shows how white text looks on a background with the Yxy color 43.3485, 0.5014, 0.4113.

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

43.3485, 0.5014, 0.4113

Protanopia

43.6624, 0.4207, 0.4636

Deuteranopia

43.2313, 0.4587, 0.4487



Tritanopia

43.2048, 0.4193, 0.3189

Trichromacy



Original Color

43.3485, 0.5014, 0.4113

Protanomaly

42.8586, 0.4510, 0.4441

Deuteranomaly

43.0524, 0.4744, 0.4350

Tritanomaly

43.1021, 0.4557, 0.3589

Monochromacy



Original Color

43.3485, 0.5014, 0.4113

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.3359, 0.3830, 0.3731

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3485, 0.5014, 0.4113 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(255, 150, 55)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 55)  
}
```

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(255, 150, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 55) }
```

Border

The CSS property to change the border of an element to Yxy 43.3485, 0.5014, 0.4113 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(255, 150, 55) }
```

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

```
.border{ border-color:rgb(255, 150, 55) }
```

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

Here you see how a box with a 4 pixel rgb(255, 150, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 55);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3485, 0.5014, 0.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 55) }
```

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

```
.background{ background-color: rgb(255,  
150, 55) }
```

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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