

Converting Colors

Yxy(43.3364, 0.5058, 0.4162)

Have a look what the booklet for
Yxy(43.3364, 0.5058, 0.4162)
contains.

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Color

Yxy(43.2622, 0.5062, 0.4162)

Conversions

Conversions Part 1

Format	Color
Hex	FF962D
RGB	255, 150, 45
RGB Percent	100%, 59%, 18%
CMY	0.0001, 0.4117, 0.8233
CMYK	0.00, 0.41, 0.82, 0.00
HSL	30°, 100%, 59%
HSV	30°, 82%, 100%
XYZ	52.6173, 43.2622, 8.0662
YIQ	169.4250, 96.2850, -10.3950

Conversions

Conversions Part 2

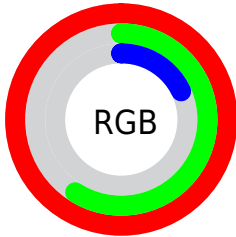
Format	Color
R _Y B	255, 255, 45
Decimal	16750125
CIE Lab	71.73, 32.39, 67.27
CIE LCh	72, 74.659, 64.286
Yxy	43.2622, 0.5062, 0.4162
Android (android.graphics.Color)	4294940205 (0xFFFF962D)
YUV	169.4250, -61.3415, 75.0493
Hunter-Lab	65.7740, 27.6904, 38.7708

Details

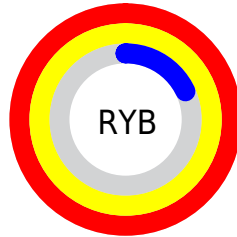
The Yxy color **43.2622, 0.5062, 0.4162** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **29.6034, 0.1897, 0.1869**, and the grayscale version is **40.1776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8427, 0.4286, 0.4317**, and **19.9418, 0.5380, 0.4110** is the 20% darker color. If you saturate the color by 10%, you get **39.2726, 0.5289, 0.4126**, and if you desaturate by 10%, it is **47.8176, 0.4801, 0.4143**.

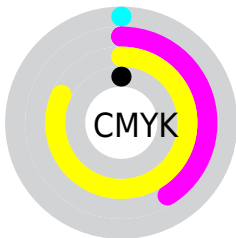
Distribution



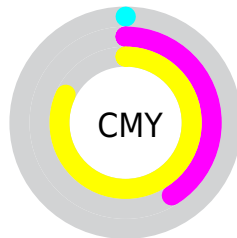
- Red (100%)
- Green (59%)
- Blue (18%)



- Red (100%)
- Yellow (100%)
- Blue (18%)



- Cyan (0%)
- Magenta (41%)
- Yellow (82%)
- Black (0%)




- Cyan (0%)
- Magenta (41%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2622, 0.5062, 0.4162 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 43.2622, 0.5062, 0.4162 by changing the saturation by 10% instead.


 43.2622, 0.5062,
0.4162


 43.2622, 0.5062,
0.4162


359.6890, 0.4149,
0.3855


 30.0909, 0.5249,
0.4187


 80.1064, 0.4757,
0.4088

 19.9076, 0.5462,
0.4191

 104.5480, 0.4633,
0.4049

 12.3279, 0.5720,
0.4169


 133.5153, 0.4526,
0.4011

 6.9674, 0.5958,
0.4042

 167.3925, 0.4431,
0.3975

 3.4417, 0.6211,
0.3789

 206.5641, 0.4348,
0.3942

 1.3665, 0.6612,
0.3388

 251.4144, 0.4274,

 0.1918, 0.8363,

0.3911

0.1637

302.3279, 0.4208,
0.3882

■ 0.0000, 0.0000,
0.0000

■ 43.2622, 0.5062,
0.4162

■ 43.2622, 0.5062,
0.4162

■ 39.2726, 0.5289,
0.4126

■ 47.8176, 0.4801,
0.4143

■ 36.5598, 0.5436,
0.4066

■ 52.9641, 0.4523,
0.4076

■ 58.7320, 0.4247,
0.3974

■ 65.1471, 0.3983,
0.3850

■ 72.2331, 0.3741,
0.3716

 80.0124, 0.3524,
0.3579

 88.5060, 0.3332,
0.3446

 97.7338, 0.3163,
0.3318

99.9973, 0.3127,
0.3290

Harmonies

Analogous

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



43.2622, 0.5148, 0.3442



43.2622, 0.5062, 0.4162



43.2622, 0.4431, 0.4874

Triad

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



43.2622, 0.5062, 0.4162



43.2622, 0.1819, 0.3695



43.2622, 0.2441, 0.1872

Complementary

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



43.2622, 0.5062, 0.4162



29.6034, 0.1897, 0.1869

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.



43.2622, 0.1770, 0.1782



43.2622, 0.5062, 0.4162



43.2622, 0.1455, 0.2611

Square

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



43.2622, 0.5062, 0.4162



43.2622, 0.2568, 0.4862



43.2622, 0.1450, 0.1996



43.2622, 0.3450, 0.2221

Rectangle

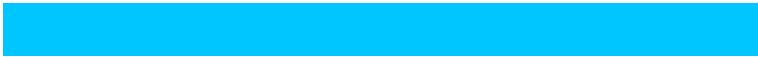
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.2622, 0.5062, 0.4162



43.2622, 0.3843, 0.5212



43.2622, 0.1450, 0.1996



43.2622, 0.2176, 0.1812

Sweetspot

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



43.2645, 0.5062, 0.4162



77.8728, 0.3580, 0.3616



25.4564, 0.4518, 0.2398



16.0799, 0.3655, 0.3664



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.



43.2645, 0.5062, 0.4162



36.9031, 0.5417, 0.4074



90.7463, 0.4171, 0.4956



19.4875, 0.3282, 0.3409



19.4043, 0.5411, 0.4086



2.1077, 0.5235, 0.4226

Inverse Universe

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



29.6034, 0.1897, 0.1869



22.8816, 0.1769, 0.1562



9.9389, 0.1609, 0.0791



18.8786, 0.2979, 0.3168



12.0721, 0.1771, 0.1574



1.3938, 0.1828, 0.1780

Previews

White Background



This preview shows how the Yxy color 43.2622, 0.5062, 0.4162 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 43.2622, 0.5062, 0.4162 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 43.2622, 0.5062, 0.4162

Background



This preview shows how black text looks on a background with the Yxy color 43.2622, 0.5062, 0.4162.



This preview shows how white text looks on a background with the Yxy color 43.2622, 0.5062, 0.4162.

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

43.2622, 0.5062, 0.4162

Protanopia

43.6980, 0.4265, 0.4703

Deuteranopia

43.3006, 0.4644, 0.4541



Tritanopia

43.1719, 0.4204, 0.3199

Trichromacy



Original Color

43.2622, 0.5062, 0.4162

Protanomaly

42.9193, 0.4569, 0.4499

Deuteranomaly

43.1354, 0.4800, 0.4399

Tritanomaly

43.0100, 0.4597, 0.3628

Monochromacy



Original Color

43.2622, 0.5062, 0.4162

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.5753, 0.3863, 0.3786

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2622, 0.5062, 0.4162 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, 45)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 45)  
}
```

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, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 45) }
```

Border

The CSS property to change the border of an element to Yxy 43.2622, 0.5062, 0.4162 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, 45) }
```

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

```
.border{ border-color:rgb(255, 150, 45) }
```

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, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 150, 45); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 150, 45); box-shadow:4px 4px 4px 4px rgb(255, 150, 45) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2622, 0.5062, 0.4162 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, 45) }
```

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

```
.background{ background-color: rgb(255,  
150, 45) }
```

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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