

Converting Colors

Yxy(34.2549, 0.5429, 0.3950)

Have a look what the booklet for
Yxy(34.2549, 0.5429, 0.3950)
contains.

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Color

Yxy(34.2221, 0.5434, 0.3949)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FC781E |
| RGB | 252, 120, 30 |
| RGB Percent | 99%, 47%, 12% |
| CMY | 0.0118, 0.5293, 0.8826 |
| CMYK | 0.00, 0.52, 0.88, 0.01 |
| HSL | 24°, 97%, 55% |
| HSV | 24°, 88%, 99% |
| XYZ | 47.0911, 34.2221, 5.3469 |
| YIQ | 149.2080, 107.5620, -0.0060 |

Conversions

Conversions Part 2

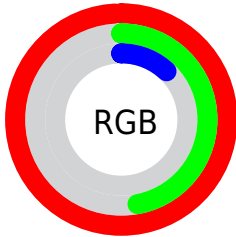
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 252, 181, 30 |
| Decimal | 16545822 |
| CIE Lab | 65.14, 45.91, 66.65 |
| CIE LCh | 65, 80.934, 55.443 |
| Yxy | 34.2221, 0.5434, 0.3949 |
| Android (android.graphics.Color) | 4294735902 (0xFFFC781E) |
| YUV | 149.2080, -58.7695, 90.1486 |
| Hunter-Lab | 58.4997, 41.3148, 35.5306 |

Details

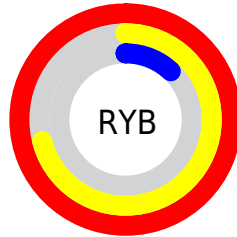
The Yxy color **34.2221, 0.5434, 0.3949** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **33.1058, 0.1926, 0.2057**, and the grayscale version is **30.3651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5918, 0.4596, 0.4150**, and **14.7057, 0.5819, 0.3762** is the 20% darker color. If you saturate the color by 10%, you get **30.8155, 0.5671, 0.3865**, and if you desaturate by 10%, it is **38.2966, 0.5145, 0.3981**.

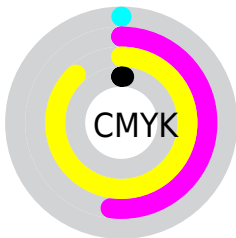
Distribution



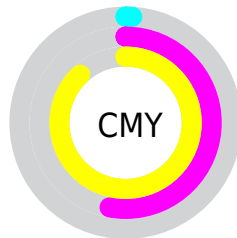
- Red (99%)
- Green (47%)
- Blue (12%)



- Red (99%)
- Yellow (71%)
- Blue (12%)



- Cyan (0%)
- Magenta (52%)
- Yellow (88%)
- Black (1%)





- Cyan (1%)
- Magenta (53%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.2221, 0.5434, 0.3949 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 34.2221, 0.5434, 0.3949 by changing the saturation by 10% instead.


 34.2221, 0.5434,
0.3949

 34.2221, 0.5434,
0.3949


321.1213, 0.4308,
0.3782

 23.0643, 0.5669,
0.3924


 66.2789, 0.5053,
0.3937


 14.6410, 0.5936,
0.3858


 87.9467, 0.4900,
0.3917


 8.5678, 0.6264,
0.3736


 113.8865, 0.4767,
0.3895

 4.4604, 0.6547,
0.3453

 144.4829, 0.4651,
0.3871

 1.9343, 0.6967,
0.3033

 180.1202, 0.4549,
0.3847

 0.5689, 0.7747,
0.2253

 221.1827, 0.4459,

 0.0000, 1.0000,

0.3825

0.0000

268.0549, 0.4379,
0.3803

■ 0.0000, 0.0000,
0.0000

■ 34.2221, 0.5434,
0.3949

■ 34.2221, 0.5434,
0.3949

■ 30.8155, 0.5671,
0.3865

■ 38.2966, 0.5145,
0.3981

■ 30.2414, 0.5712,
0.3846

■ 43.0802, 0.4826,
0.3960


■ 48.6143, 0.4504,
0.3898

■ 54.9347, 0.4196,
0.3808

■ 62.0742, 0.3915,
0.3703

 70.0637, 0.3665,
0.3591

 78.9321, 0.3447,
0.3480

 88.7069, 0.3260,
0.3372

99.3032, 0.3109,
0.3288

Harmonies

Analogous

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



34.2221, 0.5346, 0.3183



34.2221, 0.5434, 0.3949



34.2221, 0.4811, 0.4793

Triad

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



34.2221, 0.5434, 0.3949



34.2221, 0.1820, 0.4205



34.2221, 0.2069, 0.1638

Complementary

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



34.2221, 0.5434, 0.3949



33.1058, 0.1926, 0.2057

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.



34.2221, 0.1458, 0.1622



34.2221, 0.5434, 0.3949



34.2221, 0.1311, 0.2786

Square

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



34.2221, 0.5434, 0.3949



34.2221, 0.2748, 0.5452



34.2221, 0.1215, 0.1950



34.2221, 0.3112, 0.1940

Rectangle

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



34.2221, 0.5434, 0.3949



34.2221, 0.4178, 0.5320



34.2221, 0.1215, 0.1950



34.2221, 0.1819, 0.1599

Sweetspot

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



34.2240, 0.5434, 0.3949



73.8275, 0.3617, 0.3567



24.2679, 0.4356, 0.2238



15.1575, 0.3697, 0.3606



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.



34.2240, 0.5434, 0.3949



31.0517, 0.5713, 0.3845



77.2570, 0.4332, 0.4878



18.3814, 0.3284, 0.3387



16.0266, 0.5683, 0.3870



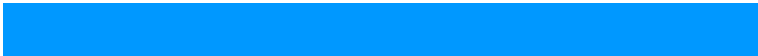
1.6865, 0.5466, 0.4042

Inverse Universe

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



33.1058, 0.1926, 0.2057



29.5284, 0.1854, 0.1875



9.7704, 0.1584, 0.0800



18.3583, 0.2980, 0.3191



15.2808, 0.1862, 0.1901



1.6234, 0.1912, 0.2084

Previews

White Background



This preview shows how the Yxy color 34.2221, 0.5434, 0.3949 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 34.2221, 0.5434, 0.3949 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 34.2221, 0.5434, 0.3949

Background



This preview shows how black text looks on a background with the Yxy color 34.2221, 0.5434, 0.3949.



This preview shows how white text looks on a background with the Yxy color 34.2221, 0.5434, 0.3949.

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

34.2221, 0.5434, 0.3949

Protanopia

34.4145, 0.4292, 0.4743

Deuteranopia

34.0921, 0.4720, 0.4634



Tritanopia

34.2044, 0.4742, 0.3216

Trichromacy



Original Color

34.2221, 0.5434, 0.3949

Protanomaly

33.3573, 0.4736, 0.4435

Deuteranomaly

33.5495, 0.5013, 0.4367

Tritanomaly

34.0204, 0.5088, 0.3553

Monochromacy



Original Color

34.2221, 0.5434, 0.3949

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.6567, 0.4029, 0.3741

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2221, 0.5434, 0.3949 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(252, 120, 30)` looks like.

```
.text, #text, p{  
    color:rgb(252, 120, 30)  
}
```

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(252, 120, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 120, 30) }
```

Border

The CSS property to change the border of an element to Yxy 34.2221, 0.5434, 0.3949 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(252, 120, 30) }
```

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

```
.border{ border-color:rgb(252, 120, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 120, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 120, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 120, 30);  
box-shadow:4px 4px 4px 4px rgb(252, 120,  
30) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2221, 0.5434, 0.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 120, 30) }
```

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

```
.background{ background-color: rgb(252,  
120, 30) }
```

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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