

Converting Colors

Yxy(33.3161, 0.5220, 0.3655)

Have a look what the booklet for
Yxy(33.3161, 0.5220, 0.3655)
contains.

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Color

Yxy(33.3983, 0.5224, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	FD7249
RGB	253, 114, 73
RGB Percent	99%, 45%, 29%
CMY	0.0079, 0.5528, 0.7138
CMYK	0.00, 0.55, 0.71, 0.01
HSL	14°, 98%, 64%
HSV	14°, 71%, 99%
XYZ	47.7223, 33.3983, 10.2314
YIQ	150.8870, 96.0050, 16.7170

Conversions

Conversions Part 2

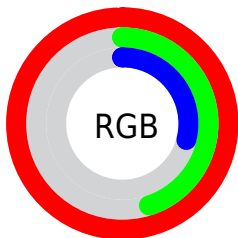
Format	Color
R _Y B	253, 126, 73
Decimal	16609865
CIE Lab	64.48, 50.50, 47.84
CIE LCh	64, 69.558, 43.450
Yxy	33.3983, 0.5224, 0.3656
Android (android.graphics.Color)	4294799945 (0xFFFD7249)
YUV	150.8870, -38.3983, 89.5531
Hunter-Lab	57.7913, 46.2653, 29.9571

Details

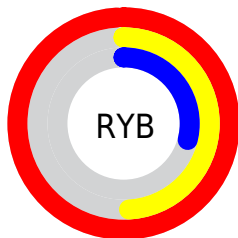
The Yxy color **33.3983, 0.5224, 0.3656** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **55.5623, 0.2190, 0.2766**, and the grayscale version is **31.0358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0660, 0.4353, 0.3767**, and **14.2491, 0.5795, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **29.1836, 0.5615, 0.3635**, and if you desaturate by 10%, it is **38.6936, 0.4816, 0.3641**.

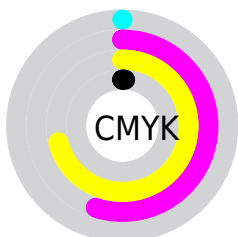
Distribution



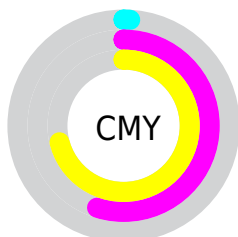
- Red (99%)
- Green (45%)
- Blue (29%)



- Red (99%)
- Yellow (49%)
- Blue (29%)



- Cyan (0%)
- Magenta (55%)
- Yellow (71%)
- Black (1%)




- Cyan (1%)
- Magenta (55%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3983, 0.5224, 0.3656 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 33.3983, 0.5224, 0.3656 by changing the saturation by 10% instead.


 33.3983, 0.5224,
0.3656

 33.3983, 0.5224,
0.3656


317.4407, 0.4145,
0.3572

 22.4317, 0.5481,
0.3636


 64.9969, 0.4836,
0.3655

 14.1745, 0.5796,
0.3585


 86.3977, 0.4688,
0.3645


 8.2421, 0.6181,
0.3477


 112.0454, 0.4562,
0.3634

 4.2503, 0.6708,
0.3292

 142.3243, 0.4454,
0.3621

 1.8145, 0.7160,
0.2840

 177.6189, 0.4361,
0.3608

 0.4962, 0.8038,
0.1962

218.3136, 0.4280,

 0.0000, 1.0000,

0.3596

0.0000

264.7927, 0.4208,
0.3584

■ 0.0000, 0.0000,
0.0000

■ 33.3983, 0.5224,
0.3656

■ 33.3983, 0.5224,
0.3656

■ 29.1836, 0.5615,
0.3635

■ 38.6936, 0.4816,
0.3641

■ 25.9660, 0.5942,
0.3574


■ 45.1338, 0.4428,
0.3600


■ 23.8733, 0.6152,
0.3497


■ 52.7844, 0.4081,
0.3544

■ 61.7044, 0.3782,
0.3481

■ 71.9485, 0.3530,
0.3417

 83.5685, 0.3320,
0.3355

 96.6131, 0.3145,
0.3296

 99.6189, 0.3115,
0.3290

Harmonies

Analogous

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



33.3983, 0.4809, 0.2965



33.3983, 0.5224, 0.3656



33.3983, 0.4934, 0.4395

Triad

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



33.3983, 0.5224, 0.3656



33.3983, 0.2291, 0.4573



33.3983, 0.1921, 0.1763

Complementary

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



33.3983, 0.5224, 0.3656



55.5623, 0.2190, 0.2766

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.



33.3983, 0.1495, 0.1876



33.3983, 0.5224, 0.3656



33.3983, 0.1646, 0.3320

Square

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



33.3983, 0.5224, 0.3656



33.3983, 0.3224, 0.5293



33.3983, 0.1398, 0.2358



33.3983, 0.2712, 0.1937

Rectangle

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



33.3983, 0.5224, 0.3656



33.3983, 0.4466, 0.4873



33.3983, 0.1398, 0.2358



33.3983, 0.1740, 0.1766

Sweetspot

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



33.4001, 0.5224, 0.3656



73.4196, 0.3527, 0.3416



30.4959, 0.3617, 0.2005



15.0674, 0.3592, 0.3434



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.



33.4001, 0.5224, 0.3656



28.3274, 0.5752, 0.3616



63.5919, 0.4434, 0.4489



18.6588, 0.3289, 0.3345



12.8811, 0.6126, 0.3518



1.4103, 0.5914, 0.3686

Inverse Universe

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



55.5623, 0.2190, 0.2766



51.5762, 0.2096, 0.2647



22.9173, 0.1890, 0.1565



19.7376, 0.2980, 0.3235



24.8402, 0.2038, 0.2535



2.5819, 0.2064, 0.2631

Previews

White Background



This preview shows how the Yxy color 33.3983, 0.5224, 0.3656 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 33.3983, 0.5224, 0.3656 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 33.3983, 0.5224, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 33.3983, 0.5224, 0.3656.



This preview shows how white text looks on a background with the Yxy color 33.3983, 0.5224, 0.3656.

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

33.3983, 0.5224, 0.3656

Protanopia

33.5727, 0.3936, 0.4291

Deuteranopia

33.4786, 0.4423, 0.4328



Tritanopia

33.4582, 0.4809, 0.3227

Trichromacy



Original Color

33.3983, 0.5224, 0.3656

Protanomaly

32.0765, 0.4418, 0.4033

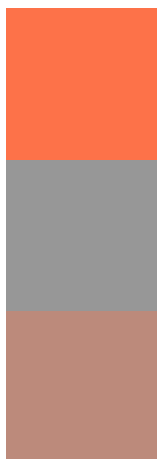
Deuteranomaly

32.6246, 0.4738, 0.4050

Tritanomaly

33.3598, 0.4978, 0.3399

Monochromacy



Original Color

33.3983, 0.5224, 0.3656

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.2984, 0.3860, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3983, 0.5224, 0.3656 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(253, 114, 73)` looks like.

```
.text, #text, p{  
    color:rgb(253, 114, 73)  
}
```

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(253, 114, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 114, 73) }
```

Border

The CSS property to change the border of an element to Yxy 33.3983, 0.5224, 0.3656 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(253, 114, 73) }
```

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

```
.border{ border-color:rgb(253, 114, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 114, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 114, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 114, 73);  
box-shadow:4px 4px 4px 4px rgb(253, 114,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3983, 0.5224, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 114, 73) }
```

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

```
.background{ background-color: rgb(253,  
114, 73) }
```

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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