

Converting Colors

$Y_{xy}(36.6495, 0.4910, 0.3550)$

Have a look what the booklet for
Yxy(36.6495, 0.4910, 0.3550)
contains.

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Color

Yxy(36.5571, 0.4910, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	FF7C62
RGB	255, 124, 98
RGB Percent	100%, 49%, 38%
CMY	0.0001, 0.5136, 0.6156
CMYK	0.00, 0.51, 0.62, 0.00
HSL	10°, 100%, 69%
HSV	10°, 62%, 100%
XYZ	50.6477, 36.5571, 15.9473
YIQ	160.2050, 86.4220, 19.6860

Conversions

Conversions Part 2

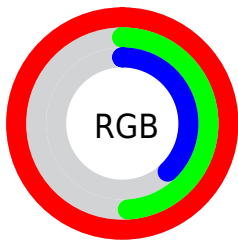
Format	Color
R_{YB}	255, 129, 98
Decimal	16743522
CIE _{Lab}	66.94, 47.85, 37.58
CIE _{LCh}	67, 60.843, 38.148
Yxy	36.5571, 0.4910, 0.3544
Android (android.graphics.Color)	4294933602 (0xFFFF7C62)
YUV	160.2050, -30.6671, 83.1352
Hunter-Lab	60.4625, 43.7150, 26.6857

Details

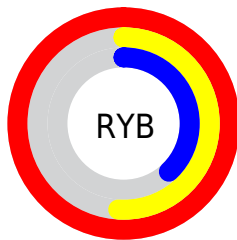
The Yxy color **36.5571, 0.4910, 0.3544** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **65.8446, 0.2306, 0.2972**, and the grayscale version is **35.3713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6701, 0.4068, 0.3607**, and **16.0829, 0.5418, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **31.3811, 0.5344, 0.3549**, and if you desaturate by 10%, it is **43.0406, 0.4495, 0.3517**.

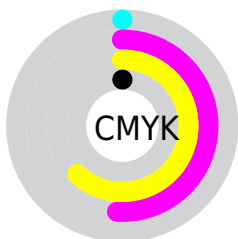
Distribution



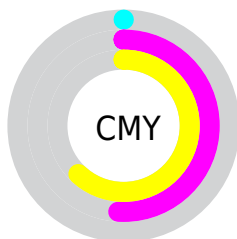
- Red (100%)
- Green (49%)
- Blue (38%)



- Red (100%)
- Yellow (51%)
- Blue (38%)



- Cyan (0%)
- Magenta (51%)
- Yellow (62%)
- Black (0%)





- Cyan (0%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5571, 0.4910, 0.3544 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 36.5571, 0.4910, 0.3544 by changing the saturation by 10% instead.


 36.5571, 0.4910,
0.3544


 36.5571, 0.4910,
0.3544


331.3890, 0.3988,
0.3481

 24.8648, 0.5139,
0.3535


 69.8911, 0.4574,
0.3539


 15.9763, 0.5426,
0.3507


 92.3015, 0.4447,
0.3532

 9.5074, 0.5793,
0.3443


 119.0534, 0.4340,
0.3523

 5.0736, 0.6280,
0.3315

 150.5312, 0.4249,
0.3515

 2.2905, 0.6943,
0.3057

187.1193, 0.4170,
0.3506

 0.7687, 0.7576,
0.2424

229.2020, 0.4102,

 0.0000, 1.0000,

0.3497

0.0000

277.1638, 0.4041,
0.3489

■ 0.0000, 0.0000,
0.0000

■ 36.5571, 0.4910,
0.3544

■ 36.5571, 0.4910,
0.3544

■ 31.3811, 0.5344,
0.3549

■ 43.0406, 0.4495,
0.3517

■ 27.4169, 0.5751,
0.3525

■ 50.9069, 0.4126,
0.3477

■ 24.5648, 0.6076,
0.3471

■ 60.2324, 0.3810,
0.3432

■ 22.9289, 0.6260,
0.3412

■ 71.0863, 0.3547,
0.3385

■ 83.5332, 0.3330,
0.3339

97.6342, 0.3152,
0.3296

99.9962, 0.3127,
0.3290

Harmonies

Analogous

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



36.5571, 0.4434, 0.2924



36.5571, 0.4910, 0.3544



36.5571, 0.4793, 0.4195

Triad

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



36.5571, 0.4910, 0.3544



36.5571, 0.2560, 0.4511



36.5571, 0.1984, 0.1943

Complementary

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



36.5571, 0.4910, 0.3544



65.8446, 0.2306, 0.2972

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.



36.5571, 0.1649, 0.2111



36.5571, 0.4910, 0.3544



36.5571, 0.1921, 0.3516

Square

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



36.5571, 0.4910, 0.3544



36.5571, 0.3402, 0.4995



36.5571, 0.1621, 0.2624



36.5571, 0.2634, 0.2053

Rectangle

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



36.5571, 0.4910, 0.3544



36.5571, 0.4447, 0.4602



36.5571, 0.1621, 0.2624



36.5571, 0.1838, 0.1966

Sweetspot

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



36.5591, 0.4910, 0.3544



75.3411, 0.3465, 0.3368



35.7899, 0.3423, 0.2039



15.3800, 0.3531, 0.3382



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.



36.5591, 0.4910, 0.3544



30.3096, 0.5448, 0.3546



63.4677, 0.4331, 0.4288



18.4730, 0.3290, 0.3330



12.1246, 0.6238, 0.3429



1.3110, 0.6046, 0.3582

Inverse Universe

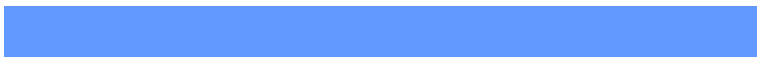
The Inverse Universe completely reimagines the original color for something new.



65.8446, 0.2306, 0.2972



61.5620, 0.2207, 0.2897



32.5852, 0.2075, 0.1962



19.9390, 0.2980, 0.3250



28.7656, 0.2098, 0.2752



2.9309, 0.2117, 0.2820

Previews

White Background



This preview shows how the Yxy color 36.5571, 0.4910, 0.3544 looks on a white background.

Color Contrast Check

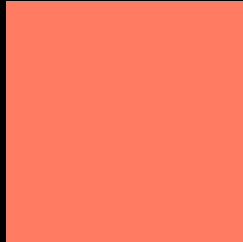
Large Text (above 18pt) WCAG AA × Fail

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 36.5571, 0.4910, 0.3544 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 36.5571, 0.4910, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 36.5571, 0.4910, 0.3544.



This preview shows how white text looks on a background with the Yxy color 36.5571, 0.4910, 0.3544.

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

36.5571, 0.4910, 0.3544

Protanopia

36.6167, 0.3714, 0.4002

Deuteranopia

36.6918, 0.4185, 0.4109



Tritanopia

36.5197, 0.4580, 0.3214

Trichromacy



Original Color

36.5571, 0.4910, 0.3544

Protanomaly

35.5567, 0.4145, 0.3815

Deuteranomaly

35.8147, 0.4462, 0.3878

Tritanomaly

36.4871, 0.4704, 0.3334

Monochromacy



Original Color

36.5571, 0.4910, 0.3544

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.2757, 0.3744, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5571, 0.4910, 0.3544 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, 124, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 98)  
}
```

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, 124, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 98) }
```

Border

The CSS property to change the border of an element to Yxy 36.5571, 0.4910, 0.3544 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, 124, 98) }
```

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

```
.border{ border-color:rgb(255, 124, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5571, 0.4910, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 98) }
```

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

```
.background{ background-color: rgb(255,  
124, 98) }
```

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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