

Converting Colors

Yxy(41.9686, 0.4873, 0.3412)

Have a look what the booklet for
Yxy(41.9686, 0.4873, 0.3412)
contains.

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Color

Yxy(37.9361, 0.4698, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	FF8073
RGB	255, 128, 115
RGB Percent	100%, 50%, 45%
CMY	0.0001, 0.4980, 0.5489
CMYK	0.00, 0.50, 0.55, 0.00
HSL	6°, 100%, 73%
HSV	6°, 55%, 100%
XYZ	52.0513, 37.9361, 20.8072
YIQ	164.4910, 79.8650, 22.8810

Conversions

Conversions Part 2

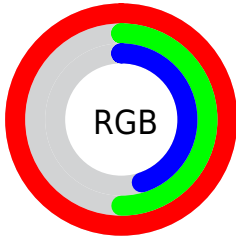
Format	Color
R _Y B	255, 129, 115
Decimal	16744563
CIE Lab	67.97, 47.12, 29.58
CIE LCh	68, 55.636, 32.122
Yxy	37.9361, 0.4698, 0.3424
Android (android.graphics.Color)	4294934643 (0xFFFF8073)
YUV	164.4910, -24.3991, 79.3764
Hunter-Lab	61.5923, 43.0630, 23.0851

Details

The Yxy color **37.9361, 0.4698, 0.3424** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **74.3708, 0.2398, 0.3135**, and the grayscale version is **37.4640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9170, 0.3892, 0.3460**, and **16.7749, 0.5156, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **32.0668, 0.5150, 0.3434**, and if you desaturate by 10%, it is **45.3473, 0.4286, 0.3404**.

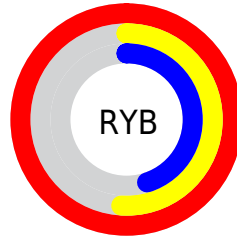
Distribution



Red (100%)

Green (50%)

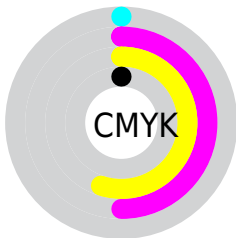
Blue (45%)



Red (100%)

Yellow (51%)

Blue (45%)

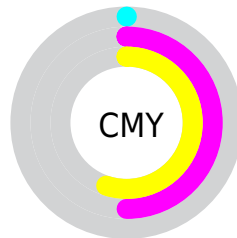


Cyan (0%)

Magenta (50%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9361, 0.4698, 0.3424 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 37.9361, 0.4698, 0.3424 by changing the saturation by 10% instead.

 37.9361, 0.4698,
0.3424


 37.9361, 0.4698,
0.3424


337.3458, 0.3883,
0.3403

 25.9331, 0.4904,
0.3412


 72.0102, 0.4398,
0.3429

 16.7736, 0.5168,
0.3387


 94.8501, 0.4287,
0.3427

 10.0732, 0.5512,
0.3335


 122.0710, 0.4193,
0.3423

 5.4475, 0.5974,
0.3229

154.0574, 0.4112,
0.3419

 2.5122, 0.6787,
0.3092

191.1937, 0.4043,
0.3415

 0.8827, 0.7458,
0.2542

233.8643, 0.3983,


 0.0000, 1.0000,


0.3411


0.0000

282.4535, 0.3930,
0.3407


 0.0000, 0.0000,
0.0000


 37.9361, 0.4698,
0.3424


 37.9361, 0.4698,
0.3424


 32.0668, 0.5150,
0.3434


 45.3473, 0.4286,
0.3404

 27.6248, 0.5604,
0.3428

 54.3922, 0.3933,
0.3379


 24.4894, 0.5995,
0.3403

 65.1627, 0.3640,
0.3353

 22.5173, 0.6261,
0.3363

 77.7420, 0.3401,
0.3326

 21.8966, 0.6345,
0.3344

 92.2081, 0.3208,
0.3301

99.9974, 0.3127,
0.3290

Harmonies

Analogous

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



37.9361, 0.4166, 0.2855



37.9361, 0.4698, 0.3424



37.9361, 0.4712, 0.4026

Triad

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



37.9361, 0.4698, 0.3424



37.9361, 0.2770, 0.4516



37.9361, 0.1992, 0.2060

Complementary

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



37.9361, 0.4698, 0.3424



74.3708, 0.2398, 0.3135

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.



37.9361, 0.1736, 0.2284



37.9361, 0.4698, 0.3424



37.9361, 0.2125, 0.3687

Square

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



37.9361, 0.4698, 0.3424



37.9361, 0.3555, 0.4831



37.9361, 0.1773, 0.2835



37.9361, 0.2539, 0.2110

Rectangle

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



37.9361, 0.4698, 0.3424



37.9361, 0.4456, 0.4404



37.9361, 0.1773, 0.2835



37.9361, 0.1874, 0.2102

Sweetspot

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



37.9381, 0.4698, 0.3424



76.2605, 0.3426, 0.3329



40.0162, 0.3295, 0.2073



15.7453, 0.3472, 0.3335



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.



37.9381, 0.4698, 0.3424



31.5080, 0.5202, 0.3434



62.2791, 0.4243, 0.4114



18.2579, 0.3292, 0.3313



11.5332, 0.6331, 0.3355



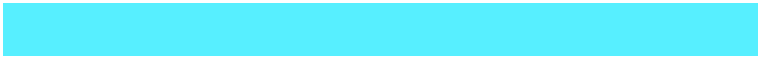
1.2100, 0.6192, 0.3465

Inverse Universe

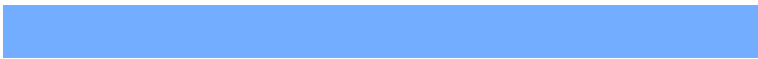
The Inverse Universe completely reimagines the original color for something new.



74.3708, 0.2398, 0.3135



71.1905, 0.2305, 0.3100



40.8855, 0.2212, 0.2254



20.1762, 0.2980, 0.3267



33.8540, 0.2166, 0.2996



3.3768, 0.2176, 0.3032

Previews

White Background



This preview shows how the Yxy color 37.9361, 0.4698, 0.3424 looks on a white background.

Color Contrast Check

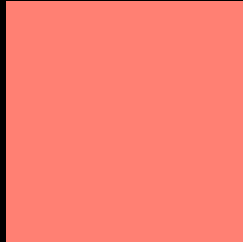
Large Text (above 18pt) WCAG AA × Fail

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 37.9361, 0.4698, 0.3424 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 37.9361, 0.4698, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 37.9361, 0.4698, 0.3424.



This preview shows how white text looks on a background with the Yxy color 37.9361, 0.4698, 0.3424.

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

37.9361, 0.4698, 0.3424

Protanopia

38.2582, 0.3548, 0.3785

Deuteranopia

38.0642, 0.4001, 0.3929



Tritanopia

37.9310, 0.4481, 0.3202

Trichromacy



Original Color

37.9361, 0.4698, 0.3424

Protanomaly

36.9163, 0.3954, 0.3639

Deuteranomaly

37.4097, 0.4254, 0.3725

Tritanomaly

37.9973, 0.4557, 0.3284

Monochromacy



Original Color

37.9361, 0.4698, 0.3424

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.0789, 0.3656, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9361, 0.4698, 0.3424 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, 128, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 115)  
}
```

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, 128, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 115) }
```

Border

The CSS property to change the border of an element to Yxy 37.9361, 0.4698, 0.3424 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, 128, 115) }
```

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

```
.border{ border-color:rgb(255, 128, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9361, 0.4698, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 115) }
```

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

```
.background{ background-color: rgb(255,  
128, 115) }
```

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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