

Converting Colors

$Yxy(42.4234, 0.4914, 0.3453)$

Have a look what the booklet for
Yxy(42.4234, 0.4914, 0.3453)
contains.

Yxy(38.1082, 0.4735, 0.3473)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.1082, 0.4735, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	FF816F
RGB	255, 129, 111
RGB Percent	100%, 51%, 44%
CMY	0.0001, 0.4940, 0.5646
CMYK	0.00, 0.49, 0.56, 0.00
HSL	7°, 100%, 72%
HSV	7°, 56%, 100%
XYZ	51.9558, 38.1082, 19.6631
YIQ	164.6220, 80.8740, 21.1140

Conversions

Conversions Part 2

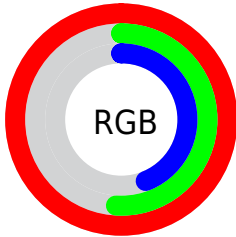
Format	Color
R_{YB}	255, 132, 111
Decimal	16744815
CIE _{Lab}	68.10, 46.32, 31.95
CIE _{LCh}	68, 56.273, 34.598
Yxy	38.1082, 0.4735, 0.3473
Android (android.graphics.Color)	4294934895 (0xFFFF816F)
YUV	164.6220, -26.4356, 79.2615
Hunter-Lab	61.7318, 42.2013, 24.3270

Details

The Yxy color **38.1082, 0.4735, 0.3473** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **71.1617, 0.2371, 0.3074**, and the grayscale version is **37.5397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1853, 0.3924, 0.3513**, and **16.8652, 0.5204, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **32.3753, 0.5179, 0.3484**, and if you desaturate by 10%, it is **45.2885, 0.4327, 0.3448**.

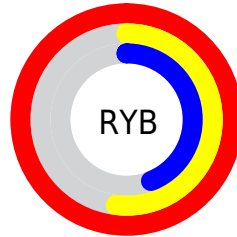
Distribution



Red (100%)

Green (51%)

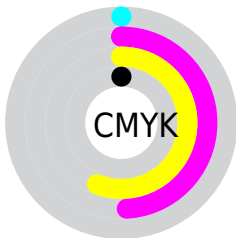
Blue (44%)



Red (100%)

Yellow (52%)

Blue (44%)

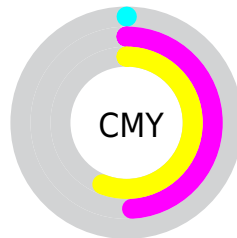


Cyan (0%)

Magenta (49%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.1082, 0.4735, 0.3473 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 38.1082, 0.4735, 0.3473 by changing the saturation by 10% instead.


 38.1082, 0.4735,
0.3473


 38.1082, 0.4735,
0.3473

338.0839, 0.3903,
0.3431


 26.0667, 0.4944,
0.3465


 72.2739, 0.4430,
0.3471


 16.8735, 0.5210,
0.3443


 95.1670, 0.4316,
0.3466

 10.1444, 0.5556,
0.3394


 122.4459, 0.4220,
0.3461

 5.4948, 0.6013,
0.3289

 154.4953, 0.4138,
0.3455

 2.5404, 0.6837,
0.3163

191.6993, 0.4067,
0.3448

 0.8968, 0.7418,
0.2582

234.4425, 0.4005,

 0.0000, 1.0000,

0.3443

0.0000

283.1092, 0.3951,
0.3437

■ 0.0000, 0.0000,
0.0000

■ 38.1082, 0.4735,
0.3473

■ 38.1082, 0.4735,
0.3473

■ 32.3753, 0.5179,
0.3484

■ 45.2885, 0.4327,
0.3448

■ 27.9855, 0.5619,
0.3475

■ 53.9995, 0.3973,
0.3415

■ 24.8297, 0.5995,
0.3441

■ 64.3249, 0.3677,
0.3379

■ 22.7788, 0.6250,
0.3387

■ 76.3409, 0.3434,
0.3344

■ 22.2826, 0.6313,
0.3370

■ 90.1188, 0.3235,
0.3310

99.9966, 0.3127,
0.3290

Harmonies

Analogous

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



38.1082, 0.4237, 0.2895



38.1082, 0.4735, 0.3473



38.1082, 0.4704, 0.4079

Triad

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



38.1082, 0.4735, 0.3473



38.1082, 0.2703, 0.4475



38.1082, 0.2017, 0.2045

Complementary

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



38.1082, 0.4735, 0.3473



71.1617, 0.2371, 0.3074

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.



38.1082, 0.1735, 0.2245



38.1082, 0.4735, 0.3473



38.1082, 0.2074, 0.3613

Square

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



38.1082, 0.4735, 0.3473



38.1082, 0.3492, 0.4845



38.1082, 0.1747, 0.2770



38.1082, 0.2591, 0.2116

Rectangle

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



38.1082, 0.4735, 0.3473



38.1082, 0.4423, 0.4456



38.1082, 0.1747, 0.2770



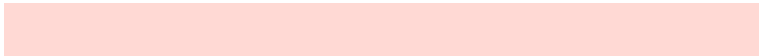
38.1082, 0.1890, 0.2079

Sweetspot

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



38.1102, 0.4735, 0.3473



75.6568, 0.3446, 0.3346



38.8150, 0.3346, 0.2082



15.6512, 0.3491, 0.3353



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.



38.1102, 0.4735, 0.3473



31.6181, 0.5249, 0.3485



63.6201, 0.4250, 0.4179



18.3527, 0.3291, 0.3320



11.7582, 0.6295, 0.3384



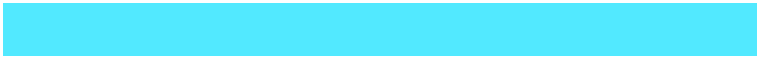
1.2546, 0.6126, 0.3518

Inverse Universe

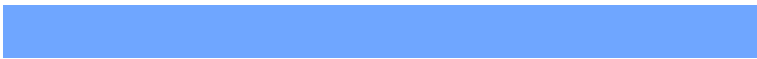
The Inverse Universe completely reimagines the original color for something new.



71.1617, 0.2371, 0.3074



67.4588, 0.2273, 0.3023



37.9483, 0.2173, 0.2155



20.0711, 0.2980, 0.3259



31.5367, 0.2136, 0.2889



3.1746, 0.2150, 0.2939

Previews

White Background



This preview shows how the Yxy color 38.1082, 0.4735, 0.3473 looks on a white background.

Color Contrast Check

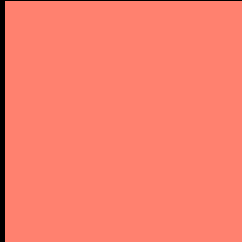
Large Text (above 18pt) WCAG AA × Fail

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 38.1082, 0.4735, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

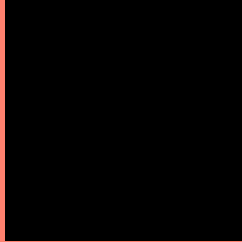
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.1082, 0.4735, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 38.1082, 0.4735, 0.3473.



This preview shows how white text looks on a background with the Yxy color 38.1082, 0.4735, 0.3473.

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

38.1082, 0.4735, 0.3473

Protanopia

38.2697, 0.3594, 0.3839

Deuteranopia

38.2544, 0.4059, 0.3972



Tritanopia

38.1880, 0.4475, 0.3212

Trichromacy



Original Color

38.1082, 0.4735, 0.3473

Protanomaly

37.2848, 0.4000, 0.3701

Deuteranomaly

37.6347, 0.4315, 0.3766

Tritanomaly

38.2047, 0.4574, 0.3315

Monochromacy



Original Color

38.1082, 0.4735, 0.3473

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.5066, 0.3673, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1082, 0.4735, 0.3473 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, 129, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 111)  
}
```

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, 129, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 111) }
```

Border

The CSS property to change the border of an element to Yxy 38.1082, 0.4735, 0.3473 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, 129, 111) }
```

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

```
.border{ border-color:rgb(255, 129, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1082, 0.4735, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 111) }
```

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

```
.background{ background-color: rgb(255,  
129, 111) }
```

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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