

Converting Colors

$Yxy(38.0788, 0.4631, 0.3365)$

Have a look what the booklet for
Yxy(38.0788, 0.4631, 0.3365)
contains.

Yxy(38.0788, 0.4631, 0.3365)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.0788, 0.4631, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	FF8079
RGB	255, 128, 121
RGB Percent	100%, 50%, 47%
CMY	0.0001, 0.4980, 0.5255
CMYK	0.00, 0.50, 0.53, 0.00
HSL	3°, 100%, 74%
HSV	3°, 53%, 100%
XYZ	52.4050, 38.0788, 22.6775
YIQ	165.1750, 77.9390, 24.7470

Conversions

Conversions Part 2

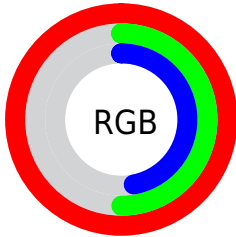
Format	Color
R _Y B	255, 128, 121
Decimal	16744569
CIE Lab	68.08, 47.59, 26.41
CIE LCh	68, 54.427, 29.029
Yxy	38.0788, 0.4631, 0.3365
Android (android.graphics.Color)	4294934649 (0xFFFF8079)
YUV	165.1750, -21.7783, 78.7765
Hunter-Lab	61.7080, 43.6006, 21.4067

Details

The Yxy color **38.0788, 0.4631, 0.3365** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **78.3942, 0.2433, 0.3207**, and the grayscale version is **37.7965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1441, 0.3840, 0.3397**, and **16.9694, 0.5091, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **31.9641, 0.5091, 0.3372**, and if you desaturate by 10%, it is **45.8634, 0.4219, 0.3353**.

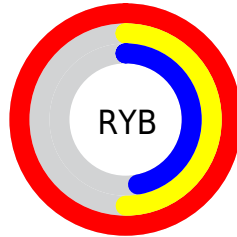
Distribution



Red (100%)

Green (50%)

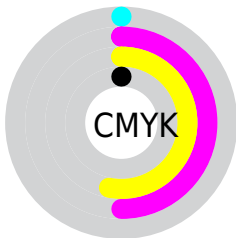
Blue (47%)



Red (100%)

Yellow (50%)

Blue (47%)

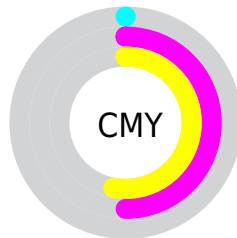


Cyan (0%)

Magenta (50%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0788, 0.4631, 0.3365 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 38.0788, 0.4631, 0.3365 by changing the saturation by 10% instead.


 38.0788, 0.4631,
0.3365


 38.0788, 0.4631,
0.3365


337.9579, 0.3850,
0.3368


 26.0439, 0.4830,
0.3350


 72.2289, 0.4343,
0.3377

 16.8565, 0.5086,
0.3321


 95.1128, 0.4236,
0.3378

 10.1322, 0.5423,
0.3267


 122.3819, 0.4146,
0.3378

 5.4867, 0.5880,
0.3164

154.4205, 0.4069,
0.3376

 2.5356, 0.6610,
0.2997

191.6130, 0.4003,
0.3375

 0.8944, 0.7468,
0.2532

234.3438, 0.3945,


 0.0000, 1.0000,


0.3373


0.0000


282.9973, 0.3895,
0.3370


 0.0000, 0.0000,
0.0000


 38.0788, 0.4631,
0.3365

 38.0788, 0.4631,
0.3365


 31.9641, 0.5091,
0.3372


 45.8634, 0.4219,
0.3353


 27.3916, 0.5559,
0.3370


 55.4213, 0.3871,
0.3338


 24.2254, 0.5972,
0.3358

 66.8546, 0.3585,
0.3322

 22.3028, 0.6259,
0.3335

 80.2559, 0.3354,
0.3307

 21.5533, 0.6375,
0.3320

 95.7119, 0.3168,
0.3293

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.



38.0788, 0.4067, 0.2812



38.0788, 0.4631, 0.3365



38.0788, 0.4701, 0.3956

Triad

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



38.0788, 0.4631, 0.3365



38.0788, 0.2857, 0.4545



38.0788, 0.1975, 0.2094

Complementary

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



38.0788, 0.4631, 0.3365



78.3942, 0.2433, 0.3207

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.



38.0788, 0.1752, 0.2346



38.0788, 0.4631, 0.3365



38.0788, 0.2200, 0.3771

Square

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



38.0788, 0.4631, 0.3365



38.0788, 0.3629, 0.4791



38.0788, 0.1821, 0.2922



38.0788, 0.2484, 0.2116

Rectangle

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



38.0788, 0.4631, 0.3365



38.0788, 0.4481, 0.4332



38.0788, 0.1821, 0.2922



38.0788, 0.1869, 0.2145

Sweetspot

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



38.0808, 0.4631, 0.3365



75.4102, 0.3428, 0.3313



41.7263, 0.3246, 0.2082



15.5459, 0.3475, 0.3316



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.



38.0808, 0.4631, 0.3365



31.7286, 0.5112, 0.3372



61.5282, 0.4212, 0.4041



18.1396, 0.3293, 0.3303



11.3263, 0.6365, 0.3328



1.1541, 0.6280, 0.3396

Inverse Universe

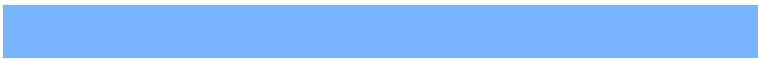
The Inverse Universe completely reimagines the original color for something new.



78.3942, 0.2433, 0.3207



75.8850, 0.2346, 0.3188



44.4506, 0.2263, 0.2366



20.3087, 0.2980, 0.3277



36.9139, 0.2202, 0.3126



3.6422, 0.2207, 0.3145

Previews

White Background



This preview shows how the Yxy color 38.0788, 0.4631, 0.3365 looks on a white background.

Color Contrast Check

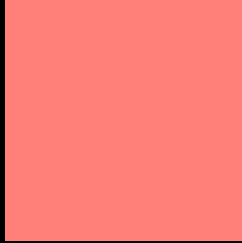
Large Text (above 18pt) WCAG AA × Fail

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 38.0788, 0.4631, 0.3365 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 38.0788, 0.4631, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 38.0788, 0.4631, 0.3365.



This preview shows how white text looks on a background with the Yxy color 38.0788, 0.4631, 0.3365.

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

38.0788, 0.4631, 0.3365

Protanopia

38.3375, 0.3474, 0.3686

Deuteranopia

38.0630, 0.3934, 0.3855



Tritanopia

38.1880, 0.4475, 0.3212

Trichromacy



Original Color

38.0788, 0.4631, 0.3365

Protanomaly

37.1016, 0.3881, 0.3550

Deuteranomaly

37.5479, 0.4193, 0.3655

Tritanomaly

38.0504, 0.4534, 0.3264

Monochromacy



Original Color

38.0788, 0.4631, 0.3365

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.6322, 0.3632, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0788, 0.4631, 0.3365 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 121)  
}
```

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, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 121) }
```

Border

The CSS property to change the border of an element to Yxy 38.0788, 0.4631, 0.3365 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, 121) }
```

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

```
.border{ border-color:rgb(255, 128, 121) }
```

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, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 128, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 128, 121); box-shadow:4px 4px 4px 4px rgb(255, 128, 121) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0788, 0.4631, 0.3365 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, 121) }
```

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

```
.background{ background-color: rgb(255,  
128, 121) }
```

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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