

Converting Colors

$Y_{xy}(38.1930, 0.4523, 0.3325)$

Have a look what the booklet for
Yxy(38.1930, 0.4523, 0.3325)
contains.

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Color

Yxy(38.1930, 0.4523, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	FC827F
RGB	252, 130, 127
RGB Percent	99%, 51%, 50%
CMY	0.0118, 0.4901, 0.5019
CMYK	0.00, 0.48, 0.50, 0.01
HSL	1°, 95%, 74%
HSV	1°, 50%, 99%
XYZ	51.9540, 38.1930, 24.7192
YIQ	166.1360, 73.6750, 24.9310

Conversions

Conversions Part 2

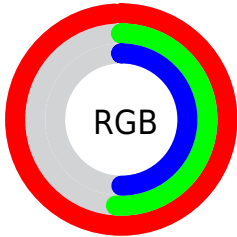
Format	Color
R_{YB}	252, 130, 127
Decimal	16548479
CIE _{Lab}	68.16, 46.05, 23.10
CIE _{LCh}	68, 51.517, 26.641
Yxy	38.1930, 0.4523, 0.3325
Android (android.graphics.Color)	4294738559 (0xFFFC827F)
YUV	166.1360, -19.2940, 75.3027
Hunter-Lab	61.8005, 41.9092, 19.5453

Details

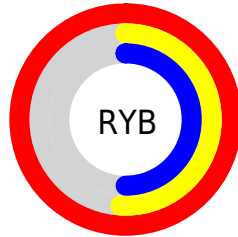
The Yxy color **38.1930, 0.4523, 0.3325** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.2804, 0.2470, 0.3253**, and the grayscale version is **38.2740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2532, 0.3772, 0.3344**, and **16.9342, 0.4947, 0.3283** is the 20% darker color. If you saturate the color by 10%, you get **31.8377, 0.4980, 0.3330**, and if you desaturate by 10%, it is **46.2799, 0.4122, 0.3318**.

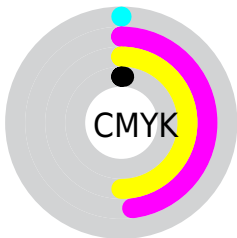
Distribution



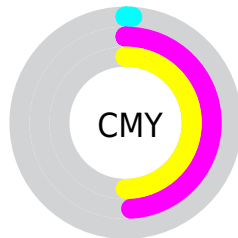
- Red (99%)
- Green (51%)
- Blue (50%)



- Red (99%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (48%)
- Yellow (50%)
- Black (1%)





- Cyan (1%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1930, 0.4523, 0.3325 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 38.1930, 0.4523, 0.3325 by changing the saturation by 10% instead.

 38.1930, 0.4523,
0.3325


 38.1930, 0.4523,
0.3325


338.4472, 0.3797,
0.3341


 26.1325, 0.4709,
0.3309


 72.4039, 0.4254,
0.3340

 16.9228, 0.4950,
0.3281


 95.3230, 0.4155,
0.3343

 10.1795, 0.5270,
0.3231


 122.6305, 0.4071,
0.3344

 5.5181, 0.5710,
0.3136

154.7108, 0.4000,
0.3344

 2.5543, 0.6371,
0.2963

191.9482, 0.3939,
0.3344

 0.9038, 0.7403,
0.2597

234.7271, 0.3885,


 0.0000, 1.0000,


0.3343

0.0000


283.4320, 0.3838,
0.3343

 0.0000, 0.0000,
0.0000


 38.1930, 0.4523,
0.3325


 38.1930, 0.4523,
0.3325

 31.8377, 0.4980,
0.3330

 46.2799, 0.4122,
0.3318


 27.0823, 0.5459,
0.3331

 56.2056, 0.3786,
0.3311


 23.7861, 0.5897,
0.3326


 68.0756, 0.3514,
0.3303

 21.7814, 0.6219,
0.3317

 81.9859, 0.3296,
0.3296

 20.8470, 0.6384,
0.3309

 98.0260, 0.3121,
0.3290

 20.8229, 0.6389,
0.3309

99.4317, 0.3109,
0.3290

Harmonies

Analogous

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



38.1930, 0.3960, 0.2799



38.1930, 0.4523, 0.3325



38.1930, 0.4634, 0.3891

Triad

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



38.1930, 0.4523, 0.3325



38.1930, 0.2934, 0.4508



38.1930, 0.2001, 0.2159

Complementary

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



38.1930, 0.4523, 0.3325



79.2804, 0.2470, 0.3253

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.



38.1930, 0.1809, 0.2428



38.1930, 0.4523, 0.3325



38.1930, 0.2291, 0.3812

Square

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



38.1930, 0.4523, 0.3325



38.1930, 0.3669, 0.4702



38.1930, 0.1900, 0.3004



38.1930, 0.2469, 0.2158

Rectangle

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



38.1930, 0.4523, 0.3325



38.1930, 0.4451, 0.4251



38.1930, 0.1900, 0.3004



38.1930, 0.1906, 0.2216

Sweetspot

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



38.1950, 0.4523, 0.3325



76.2275, 0.3408, 0.3300



42.7715, 0.3202, 0.2108



15.6849, 0.3455, 0.3302



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.



38.1950, 0.4523, 0.3325



32.4598, 0.5002, 0.3330



59.7409, 0.4160, 0.3962



17.2918, 0.3294, 0.3296



10.8788, 0.6384, 0.3313



1.0303, 0.6342, 0.3346

Inverse Universe

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



79.2804, 0.2470, 0.3253



79.2446, 0.2380, 0.3245



47.2588, 0.2322, 0.2483



19.5329, 0.2980, 0.3284



38.0135, 0.2226, 0.3214



3.5427, 0.2229, 0.3224

Previews

White Background



This preview shows how the Yxy color 38.1930, 0.4523, 0.3325 looks on a white background.

Color Contrast Check

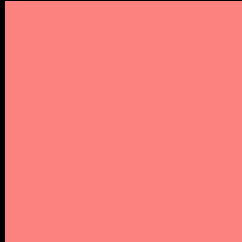
Large Text (above 18pt) WCAG AA × Fail

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 38.1930, 0.4523, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

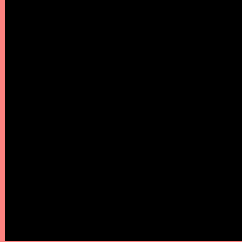
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1930, 0.4523, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 38.1930, 0.4523, 0.3325.

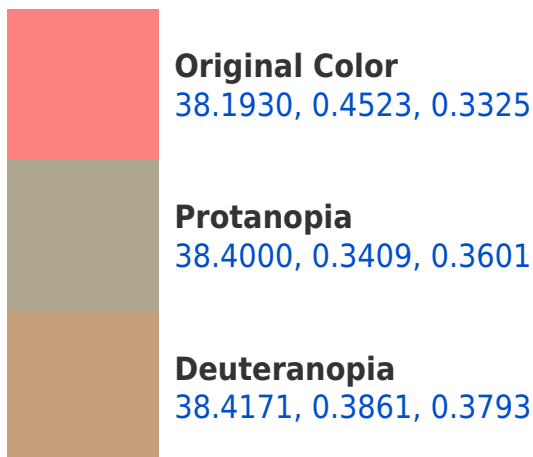


This preview shows how white text looks on a background with the Yxy color 38.1930, 0.4523, 0.3325.

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





Tritanopia

38.1560, 0.4416, 0.3190

Trichromacy



Original Color

38.1930, 0.4523, 0.3325

Protanomaly

37.3140, 0.3794, 0.3486

Deuteranomaly

37.7018, 0.4104, 0.3598

Tritanomaly

38.3044, 0.4458, 0.3242

Monochromacy



Original Color

38.1930, 0.4523, 0.3325

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.9198, 0.3588, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1930, 0.4523, 0.3325 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(252, 130, 127)` looks like.

```
.text, #text, p{  
    color:rgb(252, 130, 127)  
}
```

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(252, 130, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 130, 127) }
```

Border

The CSS property to change the border of an element to Yxy 38.1930, 0.4523, 0.3325 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(252, 130, 127) }
```

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

```
.border{ border-color:rgb(252, 130, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 130, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 130, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 130, 127);  
box-shadow:4px 4px 4px 4px rgb(252, 130,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1930, 0.4523, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 130, 127) }
```

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

```
.background{ background-color: rgb(252,  
130, 127) }
```

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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