

Converting Colors

$Y_{xy}(37.1211, 0.4534, 0.3248)$

Have a look what the booklet for
Yxy(37.1211, 0.4534, 0.3248)
contains.

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Color

Yxy(37.1349, 0.4538, 0.3253)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FD7D81 |
| RGB | 253, 125, 129 |
| RGB Percent | 99%, 49%, 51% |
| CMY | 0.0079, 0.5098, 0.4940 |
| CMYK | 0.00, 0.51, 0.49, 0.01 |
| HSL | 358°, 97%, 74% |
| HSV | 358°, 51%, 99% |
| XYZ | 51.8039, 37.1349, 25.2170 |
| YIQ | 163.7280, 75.0040, 28.3800 |

Conversions

Conversions Part 2

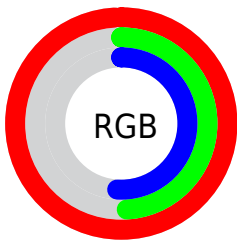
| Format | Color |
|-------------------------------------|--|
| RYB | 253, 125, 129 |
| Decimal | 16612737 |
| CIELab | 67.38, 49.04, 20.93 |
| CIElCh | 67, 53.317, 23.118 |
| Yxy | 37.1349, 0.4538, 0.3253 |
| Android (android.graphics.Color) | 4294802817 (0xFFFD7D81) |
| YUV | 163.7280, -17.1209, 78.2915 |
| Hunter-Lab | 60.9384, 45.1012, 18.1220 |

Details

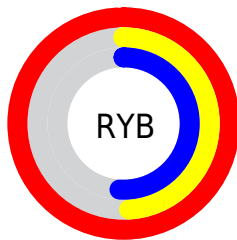
The Yxy color **37.1349, 0.4538, 0.3253** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.4445, 0.2484, 0.3335**, and the grayscale version is **37.0473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.2799, 0.3769, 0.3271**, and **16.2921, 0.4976, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **30.9505, 0.4995, 0.3251**, and if you desaturate by 10%, it is **45.1104, 0.4136, 0.3259**.

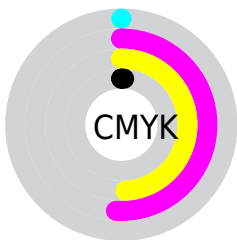
Distribution



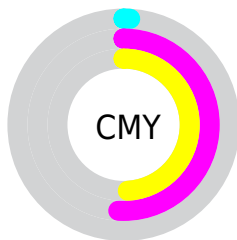
- Red (99%)
- Green (49%)
- Blue (51%)



- Red (99%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (51%)
- Yellow (49%)
- Black (1%)




- Cyan (1%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1349, 0.4538, 0.3253 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 37.1349, 0.4538, 0.3253 by changing the saturation by 10% instead.


 37.1349, 0.4538,
0.3253


 37.1349, 0.4538,
0.3253


333.8942, 0.3801,
0.3305


 25.3120, 0.4728,
0.3228


 70.7802, 0.4265,
0.3280

 16.3096, 0.4975,
0.3190


 93.3714, 0.4163,
0.3288

 9.7435, 0.5305,
0.3126


 120.3207, 0.4079,
0.3293

 5.2292, 0.5761,
0.3014

152.0127, 0.4006,
0.3297

 2.3824, 0.6443,
0.2812

188.8316, 0.3944,
0.3300

 0.8168, 0.7578,
0.2422

231.1619, 0.3890,


 0.0000, 1.0000,


0.3302


0.0000


279.3880, 0.3843,
0.3304


 0.0000, 0.0000,
0.0000

 37.1349, 0.4538,
0.3253

 37.1349, 0.4538,
0.3253


 30.9505, 0.4995,
0.3251


 45.1104, 0.4136,
0.3259


 26.4135, 0.5472,
0.3253


 54.9946, 0.3801,
0.3266


 23.3682, 0.5906,
0.3262

 66.9017, 0.3528,
0.3274

 21.6259, 0.6223,
0.3276

 80.9354, 0.3310,
0.3282

 20.8987, 0.6378,
0.3287

 97.1924, 0.3136,
0.3290

99.6213, 0.3115,
0.3290

Harmonies

Analogous

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



37.1349, 0.3905, 0.2720



37.1349, 0.4538, 0.3253



37.1349, 0.4710, 0.3837

Triad

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



37.1349, 0.4538, 0.3253



37.1349, 0.3009, 0.4625



37.1349, 0.1921, 0.2132

Complementary

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



37.1349, 0.4538, 0.3253



81.4445, 0.2484, 0.3335

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.



37.1349, 0.1756, 0.2444



37.1349, 0.4538, 0.3253



37.1349, 0.2321, 0.3938

Square

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



37.1349, 0.4538, 0.3253



37.1349, 0.3771, 0.4750



37.1349, 0.1884, 0.3078



37.1349, 0.2370, 0.2104

Rectangle

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



37.1349, 0.4538, 0.3253



37.1349, 0.4550, 0.4218



37.1349, 0.1884, 0.3078



37.1349, 0.1834, 0.2202

Sweetspot

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



37.1369, 0.4538, 0.3253



75.8164, 0.3401, 0.3279



41.8507, 0.3146, 0.2056



15.5877, 0.3447, 0.3277



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.



37.1369, 0.4538, 0.3253



31.2756, 0.5016, 0.3251



56.9495, 0.4224, 0.3911



17.9963, 0.3290, 0.3283



11.1220, 0.6369, 0.3282



1.0860, 0.6294, 0.3241

Inverse Universe

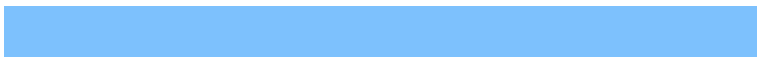
The Inverse Universe completely reimagines the original color for something new.



37.1369, 0.4538, 0.3253



31.2756, 0.5016, 0.3251



49.7104, 0.2322, 0.2547



17.9963, 0.3290, 0.3283



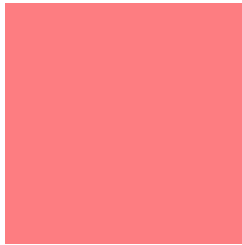
11.1220, 0.6369, 0.3282



1.0860, 0.6294, 0.3241

Previews

White Background



This preview shows how the Yxy color 37.1349, 0.4538, 0.3253 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 37.1349, 0.4538, 0.3253 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 37.1349, 0.4538, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 37.1349, 0.4538, 0.3253.



This preview shows how white text looks on a background with the Yxy color 37.1349, 0.4538, 0.3253.

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

37.1349, 0.4538, 0.3253

Protanopia

37.3470, 0.3337, 0.3519

Deuteranopia

37.3531, 0.3830, 0.3760



Tritanopia

36.9914, 0.4496, 0.3202

Trichromacy



Original Color

37.1349, 0.4538, 0.3253

Protanomaly

36.1533, 0.3754, 0.3410

Deuteranomaly

36.4855, 0.4089, 0.3552

Tritanomaly

36.9639, 0.4508, 0.3212

Monochromacy



Original Color

37.1349, 0.4538, 0.3253

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

35.7828, 0.3596, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1349, 0.4538, 0.3253 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(253, 125, 129)` looks like.

```
.text, #text, p{  
    color:rgb(253, 125, 129)  
}
```

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(253, 125, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 125, 129) }
```

Border

The CSS property to change the border of an element to Yxy 37.1349, 0.4538, 0.3253 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(253, 125, 129) }
```

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

```
.border{ border-color:rgb(253, 125, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 125, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 125, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 125, 129);  
box-shadow:4px 4px 4px 4px rgb(253, 125,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1349, 0.4538, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 125, 129) }
```

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

```
.background{ background-color: rgb(253,  
125, 129) }
```

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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