

Converting Colors

$Y_{xy}(37.5267, 0.4628, 0.3387)$

Have a look what the booklet for
Yxy(37.5267, 0.4628, 0.3387)
contains.

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Color

Yxy(37.4657, 0.4627, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	FC8077
RGB	252, 128, 119
RGB Percent	99%, 50%, 47%
CMY	0.0117, 0.4980, 0.5333
CMYK	0.00, 0.49, 0.53, 0.01
HSL	4°, 96%, 73%
HSV	4°, 53%, 99%
XYZ	51.1972, 37.4657, 21.9859
YIQ	164.0500, 76.7930, 23.4890

Conversions

Conversions Part 2

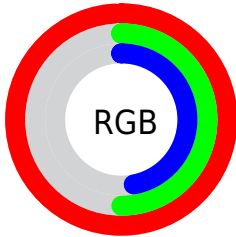
Format	Color
R_{YB}	252, 129, 119
Decimal	16547959
CIE _{Lab}	67.62, 46.37, 26.85
CIE _{LCh}	68, 53.582, 30.069
Yxy	37.4657, 0.4627, 0.3386
Android (android.graphics.Color)	4294738039 (0xFFFC8077)
YUV	164.0500, -22.2096, 77.1322
Hunter-Lab	61.2092, 42.1866, 21.5499

Details

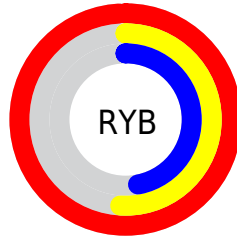
The Yxy color **37.4657, 0.4627, 0.3386** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **75.0609, 0.2427, 0.3182**, and the grayscale version is **37.2305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0672, 0.3857, 0.3418**, and **16.5507, 0.5090, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **31.5043, 0.5082, 0.3395**, and if you desaturate by 10%, it is **45.0105, 0.4219, 0.3371**.

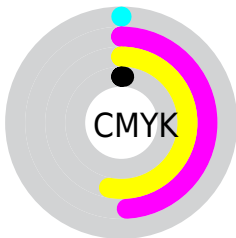
Distribution



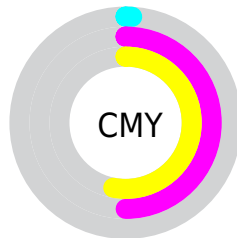
- Red (99%)
- Green (50%)
- Blue (47%)



- Red (99%)
- Yellow (51%)
- Blue (47%)



- Cyan (0%)
- Magenta (49%)
- Yellow (53%)
- Black (1%)




- Cyan (1%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4657, 0.4627, 0.3386 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 37.4657, 0.4627, 0.3386 by changing the saturation by 10% instead.

 37.4657, 0.4627,
0.3386


 37.4657, 0.4627,
0.3386


335.3224, 0.3846,
0.3379

 25.5683, 0.4827,
0.3373


 71.2885, 0.4339,
0.3394

 16.5009, 0.5083,
0.3347


 93.9826, 0.4231,
0.3394

 9.8793, 0.5422,
0.3296


 121.0444, 0.4141,
0.3392

 5.3190, 0.5881,
0.3194

152.8582, 0.4065,
0.3390

 2.4356, 0.6649,
0.3042

189.8086, 0.3999,
0.3387

 0.8441, 0.7457,
0.2543

232.2798, 0.3941,

 0.0000, 1.0000,

0.3385

0.0000

280.6562, 0.3891,
0.3382

■ 0.0000, 0.0000,
0.0000

■ 37.4657, 0.4627,
0.3386

■ 37.4657, 0.4627,
0.3386

■ 31.5043, 0.5082,
0.3395

■ 45.0105, 0.4219,
0.3371

■ 27.0082, 0.5546,
0.3392

■ 54.2342, 0.3873,
0.3352

■ 23.8520, 0.5957,
0.3376

■ 65.2316, 0.3589,
0.3332

■ 21.8868, 0.6246,
0.3348

■ 78.0891, 0.3358,
0.3313

■ 21.1001, 0.6365,
0.3328

■ 92.8869, 0.3172,
0.3295

99.4377, 0.3109,
0.3290

Harmonies

Analogous

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



37.4657, 0.4083, 0.2835



37.4657, 0.4627, 0.3386



37.4657, 0.4680, 0.3973

Triad

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



37.4657, 0.4627, 0.3386



37.4657, 0.2835, 0.4511



37.4657, 0.1998, 0.2101

Complementary

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



37.4657, 0.4627, 0.3386



75.0609, 0.2427, 0.3182

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.



37.4657, 0.1766, 0.2342



37.4657, 0.4627, 0.3386



37.4657, 0.2191, 0.3736

Square

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



37.4657, 0.4627, 0.3386



37.4657, 0.3599, 0.4777



37.4657, 0.1825, 0.2902



37.4657, 0.2513, 0.2131

Rectangle

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



37.4657, 0.4627, 0.3386



37.4657, 0.4453, 0.4342



37.4657, 0.1825, 0.2902



37.4657, 0.1889, 0.2148

Sweetspot

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



37.4677, 0.4627, 0.3386



75.7304, 0.3427, 0.3319



40.3714, 0.3267, 0.2095



15.6209, 0.3474, 0.3323



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.



37.4677, 0.4627, 0.3386



32.2220, 0.5094, 0.3395



60.7799, 0.4204, 0.4065



17.4136, 0.3292, 0.3307



11.0624, 0.6353, 0.3338



1.0883, 0.6240, 0.3427

Inverse Universe

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



75.0609, 0.2427, 0.3182



74.3994, 0.2339, 0.3158



42.2530, 0.2253, 0.2332



19.3956, 0.2980, 0.3273



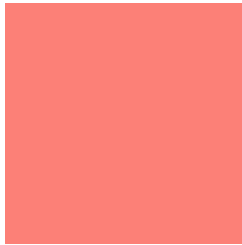
34.6863, 0.2188, 0.3077



3.2713, 0.2196, 0.3104

Previews

White Background



This preview shows how the Yxy color 37.4657, 0.4627, 0.3386 looks on a white background.

Color Contrast Check

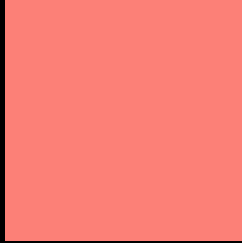
Large Text (above 18pt) WCAG AA × Fail

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 37.4657, 0.4627, 0.3386 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 37.4657, 0.4627, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 37.4657, 0.4627, 0.3386.



This preview shows how white text looks on a background with the Yxy color 37.4657, 0.4627, 0.3386.

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

37.4657, 0.4627, 0.3386

Protanopia

37.8018, 0.3485, 0.3703

Deuteranopia

37.5389, 0.3948, 0.3871



Tritanopia

37.5536, 0.4462, 0.3201

Trichromacy



Original Color

37.4657, 0.4627, 0.3386

Protanomaly

36.7647, 0.3881, 0.3578

Deuteranomaly

36.8801, 0.4199, 0.3670

Tritanomaly

37.6464, 0.4527, 0.3274

Monochromacy



Original Color

37.4657, 0.4627, 0.3386

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.0071, 0.3625, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4657, 0.4627, 0.3386 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, 128, 119)` looks like.

```
.text, #text, p{  
    color:rgb(252, 128, 119)  
}
```

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, 128, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 128, 119) }
```

Border

The CSS property to change the border of an element to Yxy 37.4657, 0.4627, 0.3386 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, 128, 119) }
```

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

```
.border{ border-color:rgb(252, 128, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 128, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 128, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 128, 119); box-shadow:4px 4px 4px 4px rgb(252, 128, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4657, 0.4627, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 128, 119) }
```

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

```
.background{ background-color: rgb(252,  
128, 119) }
```

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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