

Converting Colors

$Y_{xy}(46.6385, 0.4999, 0.3369)$

Have a look what the booklet for
Yxy(46.6385, 0.4999, 0.3369)
contains.

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Color

Yxy(37.7467, 0.4672, 0.3385)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF7F76 |
| RGB | 255, 127, 118 |
| RGB Percent | 100%, 50%, 46% |
| CMY | 0.0000, 0.5019, 0.5374 |
| CMYK | 0.00, 0.50, 0.54, 0.00 |
| HSL | 4°, 100%, 73% |
| HSV | 4°, 54%, 100% |
| XYZ | 52.0983, 37.7467, 21.6667 |
| YIQ | 164.2460, 79.1770, 24.3370 |

Conversions

Conversions Part 2

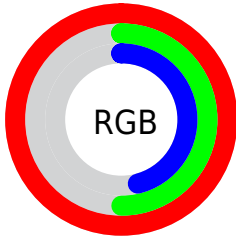
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 128, 118 |
| Decimal | 16744310 |
| CIE _{Lab} | 67.83, 47.84, 27.78 |
| CIE _{LCh} | 68, 55.323, 30.138 |
| Yxy | 37.7467, 0.4672, 0.3385 |
| Android (android.graphics.Color) | 4294934390 (0xFFFF7F76) |
| YUV | 164.2460, -22.7993, 79.5913 |
| Hunter-Lab | 61.4383, 43.8466, 22.0978 |

Details

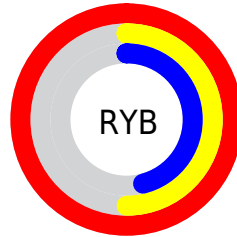
The Yxy color **37.7467, 0.4672, 0.3385** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **76.9503, 0.2418, 0.3183**, and the grayscale version is **37.3298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6182, 0.3870, 0.3418**, and **16.5447, 0.5130, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **31.7797, 0.5131, 0.3393**, and if you desaturate by 10%, it is **45.3342, 0.4258, 0.3370**.

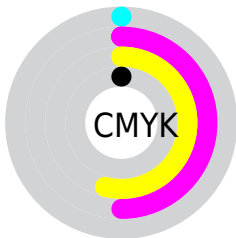
Distribution



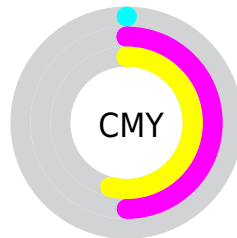
- Red (100%)
- Green (50%)
- Blue (46%)



- Red (100%)
- Yellow (50%)
- Blue (46%)



- Cyan (0%)
- Magenta (50%)
- Yellow (54%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7467, 0.4672, 0.3385 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 37.7467, 0.4672, 0.3385 by changing the saturation by 10% instead.

 37.7467, 0.4672,
0.3385


 37.7467, 0.4672,
0.3385


336.5321, 0.3869,
0.3381


 25.7862, 0.4876,
0.3370


 71.7197, 0.4376,
0.3395

 16.6637, 0.5138,
0.3342


 94.5010, 0.4266,
0.3395

 9.9950, 0.5482,
0.3287


 121.6580, 0.4173,
0.3394

 5.3957, 0.5946,
0.3178

153.5750, 0.4094,
0.3392

 2.4812, 0.6726,
0.3021

190.6366, 0.4026,
0.3389

 0.8672, 0.7496,
0.2504

233.2270, 0.3967,

 0.0000, 1.0000,

0.3387

0.0000

281.7307, 0.3915,
0.3384


 0.0000, 0.0000,
0.0000

 37.7467, 0.4672,
0.3385


 37.7467, 0.4672,
0.3385


 31.7797, 0.5131,
0.3393


 45.3342, 0.4258,
0.3370


 27.3113, 0.5593,
0.3389


 54.6437, 0.3905,
0.3352

 24.2093, 0.5995,
0.3372

 65.7735, 0.3614,
0.3333

 22.3166, 0.6269,
0.3343

 78.8133, 0.3378,
0.3314

 21.6559, 0.6366,
0.3327

 93.8470, 0.3188,
0.3296

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



37.7467, 0.4113, 0.2822



37.7467, 0.4672, 0.3385



37.7467, 0.4721, 0.3985

Triad

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



37.7467, 0.4672, 0.3385



37.7467, 0.2821, 0.4551



37.7467, 0.1970, 0.2070

Complementary

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



37.7467, 0.4672, 0.3385



76.9503, 0.2418, 0.3183

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.



37.7467, 0.1734, 0.2314



37.7467, 0.4672, 0.3385



37.7467, 0.2163, 0.3746

Square

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



37.7467, 0.4672, 0.3385



37.7467, 0.3606, 0.4822



37.7467, 0.1791, 0.2885



37.7467, 0.2496, 0.2103

Rectangle

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



37.7467, 0.4672, 0.3385



37.7467, 0.4485, 0.4366



37.7467, 0.1791, 0.2885



37.7467, 0.1859, 0.2118

Sweetspot

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



37.7482, 0.4672, 0.3385



75.6964, 0.3427, 0.3318



40.9940, 0.3249, 0.2059



15.6130, 0.3474, 0.3322



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.



37.7482, 0.4672, 0.3385



31.6457, 0.5143, 0.3393



60.8539, 0.4243, 0.4056



18.1795, 0.3293, 0.3306



11.3873, 0.6355, 0.3336



1.1730, 0.6250, 0.3420

Inverse Universe

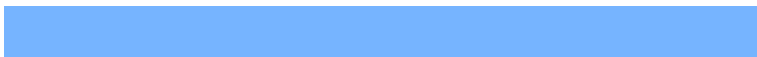
The Inverse Universe completely reimagines the original color for something new.



76.9503, 0.2418, 0.3183



74.3209, 0.2332, 0.3159



43.5613, 0.2244, 0.2340



20.2639, 0.2980, 0.3274



35.8611, 0.2190, 0.3082



3.5511, 0.2197, 0.3107

Previews

White Background



This preview shows how the Yxy color 37.7467, 0.4672, 0.3385 looks on a white background.

Color Contrast Check

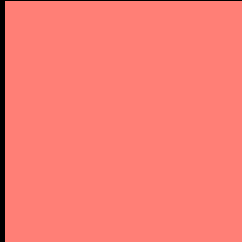
Large Text (above 18pt) WCAG AA × Fail

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 37.7467, 0.4672, 0.3385 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 37.7467, 0.4672, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 37.7467, 0.4672, 0.3385.



This preview shows how white text looks on a background with the Yxy color 37.7467, 0.4672, 0.3385.

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

37.7467, 0.4672, 0.3385

Protanopia

37.7735, 0.3494, 0.3717

Deuteranopia

37.9719, 0.3972, 0.3906



Tritanopia

37.6485, 0.4498, 0.3203

Trichromacy



Original Color

37.7467, 0.4672, 0.3385

Protanomaly

36.5556, 0.3907, 0.3577

Deuteranomaly

37.1424, 0.4240, 0.3690

Tritanomaly

37.7402, 0.4563, 0.3274

Monochromacy



Original Color

37.7467, 0.4672, 0.3385

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.1101, 0.3645, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7467, 0.4672, 0.3385 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, 127, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 118)  
}
```

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, 127, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 118) }
```

Border

The CSS property to change the border of an element to Yxy 37.7467, 0.4672, 0.3385 is called "border". The border property can be set on classes, ids or directly on the HTML element.

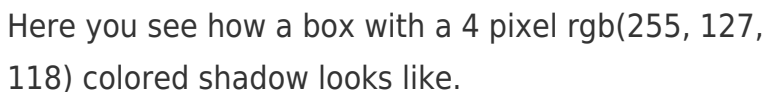
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 127, 118) }
```

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

```
.border{ border-color:rgb(255, 127, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 127, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 127, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 127, 118); box-shadow:4px 4px 4px 4px rgb(255, 127, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7467, 0.4672, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 118) }
```

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

```
.background{ background-color: rgb(255,  
127, 118) }
```

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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