

Converting Colors

$Y_{xy}(47.8565, 0.4750, 0.3457)$

Have a look what the booklet for
Yxy(47.8565, 0.4750, 0.3457)
contains.

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Color

Yxy(42.0612, 0.4511, 0.3478)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF8E7C |
| RGB | 255, 142, 124 |
| RGB Percent | 100%, 56%, 49% |
| CMY | 0.0000, 0.4431, 0.5136 |
| CMYK | 0.00, 0.44, 0.51, 0.00 |
| HSL | 8°, 100%, 74% |
| HSV | 8°, 51%, 100% |
| XYZ | 54.5538, 42.0612, 24.3200 |
| YIQ | 173.7350, 73.1260, 18.3580 |

Conversions

Conversions Part 2

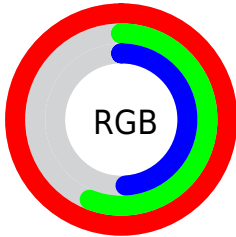
| Format | Color |
|-------------------------------------|---|
| RYB | 255, 145, 124 |
| Decimal | 16748156 |
| CIELab | 70.91, 40.90, 28.50 |
| CIElCh | 71, 49.853, 34.871 |
| Yxy | 42.0612, 0.4511, 0.3478 |
| Android (android.graphics.Color) | 4294938236 (0xFFFF8E7C) |
| YUV | 173.7350, -24.5194, 71.2694 |
| Hunter-Lab | 64.8546, 36.6534, 23.1649 |

Details

The Yxy color **42.0612, 0.4511, 0.3478** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.0889, 0.2418, 0.3077**, and the grayscale version is **42.2856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3668, 0.3760, 0.3500**, and **19.1221, 0.4914, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **35.5851, 0.4936, 0.3500**, and if you desaturate by 10%, it is **49.9983, 0.4133, 0.3445**.

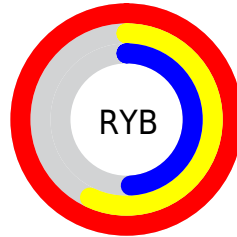
Distribution



Red (100%)

Green (56%)

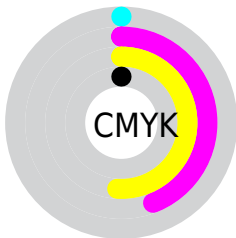
Blue (49%)



Red (100%)

Yellow (57%)

Blue (49%)

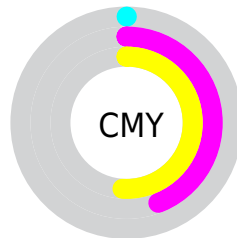


Cyan (0%)

Magenta (44%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0612, 0.4511, 0.3478 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 42.0612, 0.4511, 0.3478 by changing the saturation by 10% instead.


 42.0612, 0.4511,
0.3478

 42.0612, 0.4511,
0.3478


354.7366, 0.3804,
0.3421


 29.1492, 0.4688,
0.3479


 78.2922, 0.4253,
0.3467

 19.1937, 0.4913,
0.3473


 102.3801, 0.4156,
0.3460

 11.8103, 0.5208,
0.3450


 130.9620, 0.4074,
0.3453

 6.6147, 0.5604,
0.3393


164.4224, 0.4004,
0.3446

 3.2223, 0.6186,
0.3277

203.1457, 0.3944,
0.3439

 1.2489, 0.7017,
0.2983

247.5162, 0.3891,

 0.1011, 0.9173,

0.3433

0.0827

297.9183, 0.3845,
0.3427

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.0612, 0.4511,
0.3478

42.0612, 0.4511,
0.3478

35.5851, 0.4936,
0.3500

49.9983, 0.4133,
0.3445

30.4770, 0.5380,
0.3503

59.4747, 0.3812,
0.3407

26.6386, 0.5794,
0.3481

70.5674, 0.3545,
0.3368

23.9565, 0.6119,
0.3432

83.3471, 0.3327,
0.3330

■ 22.4620, 0.6298,
0.3381

■ 97.8803, 0.3149,
0.3295

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.



42.0612, 0.4085, 0.2959



42.0612, 0.4511, 0.3478



42.0612, 0.4497, 0.4012

Triad

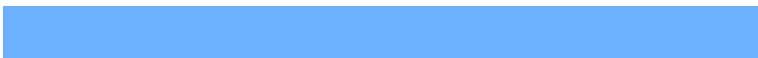
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.0612, 0.4511, 0.3478



42.0612, 0.2768, 0.4281



42.0612, 0.2159, 0.2196

Complementary

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



42.0612, 0.4511, 0.3478



72.0889, 0.2418, 0.3077

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.



42.0612, 0.1902, 0.2383



42.0612, 0.4511, 0.3478



42.0612, 0.2212, 0.3566

Square

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



42.0612, 0.4511, 0.3478



42.0612, 0.3458, 0.4612



42.0612, 0.1916, 0.2851



42.0612, 0.2673, 0.2257

Rectangle

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



42.0612, 0.4511, 0.3478



42.0612, 0.4263, 0.4328



42.0612, 0.1916, 0.2851



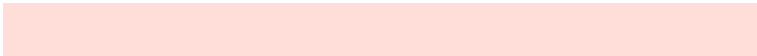
42.0612, 0.2044, 0.2229

Sweetspot

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



42.0624, 0.4511, 0.3478



78.4993, 0.3401, 0.3344



41.8274, 0.3343, 0.2191



16.2231, 0.3447, 0.3352



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.



42.0624, 0.4511, 0.3478



35.2198, 0.4964, 0.3501



67.3298, 0.4121, 0.4129



18.3889, 0.3291, 0.3323



11.8587, 0.6279, 0.3396



1.2716, 0.6101, 0.3538

Inverse Universe

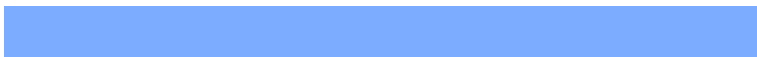
The Inverse Universe completely reimagines the original color for something new.



72.0889, 0.2418, 0.3077



68.2039, 0.2315, 0.3026



41.0308, 0.2253, 0.2248



20.0311, 0.2980, 0.3257



30.6830, 0.2125, 0.2848



3.0997, 0.2140, 0.2904

Previews

White Background



This preview shows how the Yxy color 42.0612, 0.4511, 0.3478 looks on a white background.

Color Contrast Check

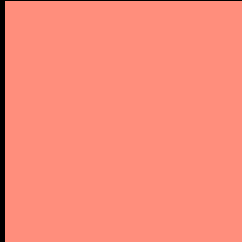
Large Text (above 18pt) WCAG AA × Fail

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 42.0612, 0.4511, 0.3478 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 42.0612, 0.4511, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 42.0612, 0.4511, 0.3478.



This preview shows how white text looks on a background with the Yxy color 42.0612, 0.4511, 0.3478.

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

42.0612, 0.4511, 0.3478

Protanopia

42.4214, 0.3538, 0.3778

Deuteranopia

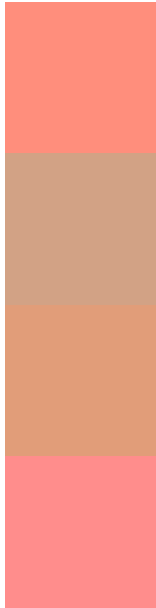
42.0384, 0.3960, 0.3868



Tritanopia

42.1861, 0.4250, 0.3200

Trichromacy



Original Color

42.0612, 0.4511, 0.3478

Protanomaly

41.2358, 0.3877, 0.3655

Deuteranomaly

41.5020, 0.4168, 0.3715

Tritanomaly

42.2032, 0.4345, 0.3304

Monochromacy



Original Color

42.0612, 0.4511, 0.3478

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

40.9375, 0.3583, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0612, 0.4511, 0.3478 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, 142, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 124)  
}
```

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, 142, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 124) }
```

Border

The CSS property to change the border of an element to Yxy 42.0612, 0.4511, 0.3478 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, 142, 124) }
```

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

```
.border{ border-color:rgb(255, 142, 124) }
```

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

Here you see how a box with a 4 pixel rgb(255, 142, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0612, 0.4511, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 124) }
```

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

```
.background{ background-color: rgb(255,  
142, 124) }
```

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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