

Converting Colors

$Yxy(46.9978, 0.4747, 0.3494)$

Have a look what the booklet for
Yxy(46.9978, 0.4747, 0.3494)
contains.

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Color

Yxy(42.2854, 0.4536, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	FF8F79
RGB	255, 143, 121
RGB Percent	100%, 56%, 47%
CMY	0.0001, 0.4391, 0.5256
CMYK	0.00, 0.44, 0.53, 0.00
HSL	10°, 100%, 74%
HSV	10°, 53%, 100%
XYZ	54.5060, 42.2854, 23.3717
YIQ	173.9800, 73.8140, 16.9020

Conversions

Conversions Part 2

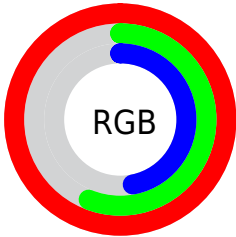
Format	Color
R _Y B	255, 147, 121
Decimal	16748409
CIE Lab	71.07, 40.12, 30.37
CIE LCh	71, 50.313, 37.125
Yxy	42.2854, 0.4536, 0.3519
Android (android.graphics.Color)	4294938489 (0xFFFF8F79)
YUV	173.9800, -26.1191, 71.0545
Hunter-Lab	65.0272, 35.8215, 24.2094

Details

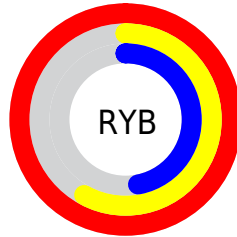
The Yxy color **42.2854, 0.4536, 0.3519** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **69.5210, 0.2397, 0.3027**, and the grayscale version is **42.4267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.7042, 0.3781, 0.3542**, and **19.2495, 0.4946, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **35.9411, 0.4954, 0.3544**, and if you desaturate by 10%, it is **50.0138, 0.4161, 0.3481**.

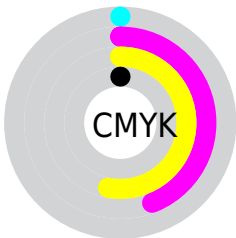
Distribution



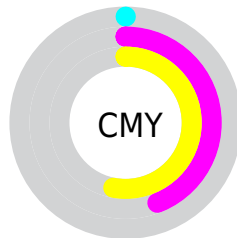
- Red (100%)
- Green (56%)
- Blue (47%)



- Red (100%)
- Yellow (58%)
- Blue (47%)



- Cyan (0%)
- Magenta (44%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2854, 0.4536, 0.3519 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 42.2854, 0.4536, 0.3519 by changing the saturation by 10% instead.

 42.2854, 0.4536,
0.3519


 42.2854, 0.4536,
0.3519


355.6647, 0.3817,
0.3444


 29.3248, 0.4715,
0.3524


 78.6314, 0.4274,
0.3502

 19.3267, 0.4942,
0.3521


 102.7856, 0.4176,
0.3493

 11.9066, 0.5237,
0.3502


 131.4398, 0.4093,
0.3483

 6.6801, 0.5632,
0.3448

164.9784, 0.4022,
0.3474

 3.2628, 0.6227,
0.3346

203.7858, 0.3960,
0.3466

 1.2705, 0.6976,
0.3024

248.2464, 0.3906,

 0.1182, 0.9044,

0.3458

0.0956

298.7445, 0.3859,
0.3451

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.2854, 0.4536,
0.3519

42.2854, 0.4536,
0.3519

35.9411, 0.4954,
0.3544

50.0138, 0.4161,
0.3481

30.8922, 0.5388,
0.3546

59.1951, 0.3839,
0.3435

27.0495, 0.5790,
0.3520

69.9015, 0.3571,
0.3389

24.3096, 0.6103,
0.3462

82.1982, 0.3350,
0.3343

■ 22.9074, 0.6261,
0.3410

■ 96.1467, 0.3168,
0.3300

99.9953, 0.3127,
0.3290

Harmonies

Analogous

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



42.2854, 0.4138, 0.2993



42.2854, 0.4536, 0.3519



42.2854, 0.4488, 0.4054

Triad

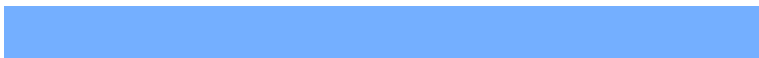
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.2854, 0.4536, 0.3519



42.2854, 0.2716, 0.4244



42.2854, 0.2183, 0.2186

Complementary

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



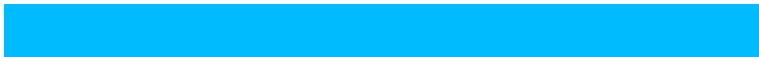
42.2854, 0.4536, 0.3519



69.5210, 0.2397, 0.3027

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.



42.2854, 0.1904, 0.2353



42.2854, 0.4536, 0.3519



42.2854, 0.2173, 0.3509

Square

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



42.2854, 0.4536, 0.3519



42.2854, 0.3406, 0.4616



42.2854, 0.1897, 0.2802



42.2854, 0.2718, 0.2264

Rectangle

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



42.2854, 0.4536, 0.3519



42.2854, 0.4234, 0.4366



42.2854, 0.1897, 0.2802



42.2854, 0.2060, 0.2212

Sweetspot

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



42.2876, 0.4536, 0.3519



77.7918, 0.3421, 0.3359



40.9164, 0.3371, 0.2188



16.1051, 0.3466, 0.3368



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.



42.2876, 0.4536, 0.3519



35.6955, 0.4974, 0.3545



67.7847, 0.4135, 0.4167



18.4696, 0.3290, 0.3330



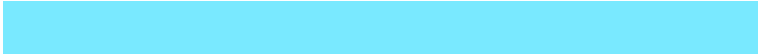
12.1131, 0.6240, 0.3428



1.3094, 0.6048, 0.3580

Inverse Universe

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



69.5210, 0.2397, 0.3027



65.4198, 0.2294, 0.2966



39.2425, 0.2227, 0.2190



19.9426, 0.2980, 0.3250



28.8405, 0.2099, 0.2756



2.9375, 0.2118, 0.2823

Previews

White Background



This preview shows how the Yxy color 42.2854, 0.4536, 0.3519 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 42.2854, 0.4536, 0.3519 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 42.2854, 0.4536, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 42.2854, 0.4536, 0.3519.



This preview shows how white text looks on a background with the Yxy color 42.2854, 0.4536, 0.3519.

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

42.2854, 0.4536, 0.3519

Protanopia

42.4324, 0.3583, 0.3831

Deuteranopia

42.4771, 0.3991, 0.3913



Tritanopia

42.2182, 0.4239, 0.3189

Trichromacy



Original Color

42.2854, 0.4536, 0.3519

Protanomaly

41.6282, 0.3920, 0.3715

Deuteranomaly

41.9305, 0.4201, 0.3759

Tritanomaly

42.1738, 0.4356, 0.3314

Monochromacy



Original Color

42.2854, 0.4536, 0.3519

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.2575, 0.3590, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2854, 0.4536, 0.3519 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, 143, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 121)  
}
```

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, 143, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 121) }
```

Border

The CSS property to change the border of an element to Yxy 42.2854, 0.4536, 0.3519 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, 143, 121) }
```

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

```
.border{ border-color:rgb(255, 143, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 143, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 143, 121); box-shadow:4px 4px 4px 4px rgb(255, 143, 121) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2854, 0.4536, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 121) }
```

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

```
.background{ background-color: rgb(255,  
143, 121) }
```

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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