

Converting Colors

$Y_{xy}(43.7921, 0.4315, 0.3356)$

Have a look what the booklet for
Yxy(43.7921, 0.4315, 0.3356)
contains.

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Color

Yxy(43.7112, 0.4319, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	FF928C
RGB	255, 146, 140
RGB Percent	100%, 57%, 55%
CMY	0.0000, 0.4274, 0.4510
CMYK	0.00, 0.43, 0.45, 0.00
HSL	3°, 100%, 77%
HSV	3°, 45%, 100%
XYZ	56.2541, 43.7112, 30.2826
YIQ	177.9070, 66.8900, 21.2420

Conversions

Conversions Part 2

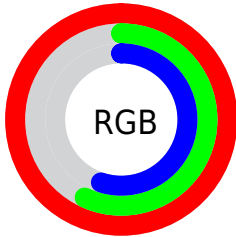
Format	Color
R _Y B	255, 146, 140
Decimal	16749196
CIE Lab	72.04, 40.34, 21.24
CIE LCh	72, 45.586, 27.764
Yxy	43.7112, 0.4319, 0.3356
Android (android.graphics.Color)	4294939276 (0xFFFF928C)
YUV	177.9070, -18.6882, 67.6106
Hunter-Lab	66.1144, 36.1781, 19.1233

Details

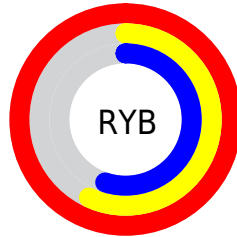
The Yxy color **43.7112, 0.4319, 0.3356** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.5445, 0.2508, 0.3220**, and the grayscale version is **44.5435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9283, 0.3612, 0.3364**, and **20.1690, 0.4671, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **36.3649, 0.4745, 0.3367**, and if you desaturate by 10%, it is **52.8090, 0.3954, 0.3342**.

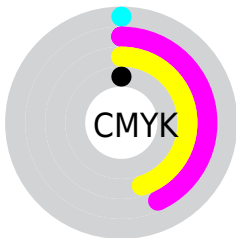
Distribution



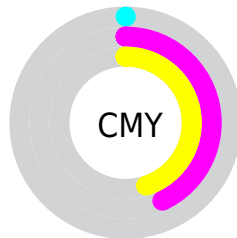
- Red (100%)
- Green (57%)
- Blue (55%)



- Red (100%)
- Yellow (57%)
- Blue (55%)



- Cyan (0%)
- Magenta (43%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7112, 0.4319, 0.3356 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 43.7112, 0.4319, 0.3356 by changing the saturation by 10% instead.


 43.7112, 0.4319,
0.3356


 43.7112, 0.4319,
0.3356


361.5285, 0.3711,
0.3348


 30.4435, 0.4472,
0.3350


 80.7830, 0.4097,
0.3359

 20.1755, 0.4668,
0.3336


 105.3559, 0.4014,
0.3359

 12.5227, 0.4927,
0.3310


 134.4660, 0.3943,
0.3358

 7.1007, 0.5283,
0.3258

168.4977, 0.3883,
0.3356

 3.5252, 0.5791,
0.3149

207.8354, 0.3832,
0.3354

 1.4117, 0.6928,
0.3072

252.8635, 0.3786,

 0.2253, 0.8475,

0.3352

0.1525

303.9664, 0.3747,
0.3350

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.7112, 0.4319,
0.3356

43.7112, 0.4319,
0.3356

36.3649, 0.4745,
0.3367

52.8090, 0.3954,
0.3342

30.6543, 0.5212,
0.3372

63.7572, 0.3653,
0.3326

26.4552, 0.5673,
0.3368

76.6514, 0.3408,
0.3311

23.6242, 0.6060,
0.3352

91.5798, 0.3212,
0.3297

■ 21.9899, 0.6306,
0.3329

100.0000, 0.3127,
0.3290

■ 21.5559, 0.6375,
0.3320

Harmonies

Analogous

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



43.7112, 0.3856, 0.2888



43.7112, 0.4319, 0.3356



43.7112, 0.4409, 0.3850

Triad

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



43.7112, 0.4319, 0.3356



43.7112, 0.2953, 0.4284



43.7112, 0.2164, 0.2310

Complementary

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



43.7112, 0.4319, 0.3356



80.5445, 0.2508, 0.3220

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.



43.7112, 0.1984, 0.2547



43.7112, 0.4319, 0.3356



43.7112, 0.2400, 0.3706

Square

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



43.7112, 0.4319, 0.3356



43.7112, 0.3585, 0.4483



43.7112, 0.2061, 0.3038



43.7112, 0.2586, 0.2311

Rectangle

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



43.7112, 0.4319, 0.3356



43.7112, 0.4255, 0.4151



43.7112, 0.2061, 0.3038



43.7112, 0.2077, 0.2361

Sweetspot

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



43.7123, 0.4319, 0.3356



78.1897, 0.3385, 0.3310



46.8713, 0.3228, 0.2233



16.0938, 0.3432, 0.3313



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.



43.7123, 0.4319, 0.3356



37.0895, 0.4696, 0.3366



65.9835, 0.4026, 0.3942



18.1390, 0.3293, 0.3303



11.3256, 0.6365, 0.3328



1.1539, 0.6280, 0.3395

Inverse Universe

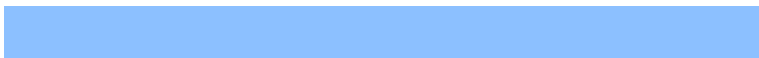
The Inverse Universe completely reimagines the original color for something new.



80.5445, 0.2508, 0.3220



78.0415, 0.2420, 0.3204



50.3850, 0.2385, 0.2521



20.3093, 0.2980, 0.3277



36.9285, 0.2202, 0.3126



3.6434, 0.2207, 0.3146

Previews

White Background



This preview shows how the Yxy color 43.7112, 0.4319, 0.3356 looks on a white background.

Color Contrast Check

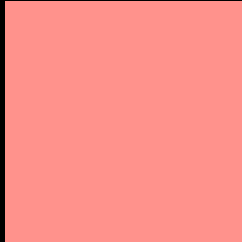
Large Text (above 18pt) WCAG AA × Fail

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 43.7112, 0.4319, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

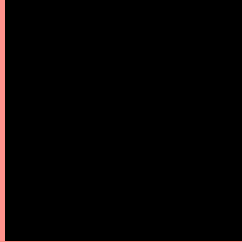
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7112, 0.4319, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 43.7112, 0.4319, 0.3356.



This preview shows how white text looks on a background with the Yxy color 43.7112, 0.4319, 0.3356.

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

43.7112, 0.4319, 0.3356

Protanopia

44.1251, 0.3383, 0.3584

Deuteranopia

43.9369, 0.3794, 0.3718



Tritanopia

43.5731, 0.4167, 0.3178

Trichromacy



Original Color

43.7112, 0.4319, 0.3356

Protanomaly

43.1761, 0.3697, 0.3491

Deuteranomaly

43.3034, 0.3990, 0.3576

Tritanomaly

43.7128, 0.4216, 0.3241

Monochromacy



Original Color

43.7112, 0.4319, 0.3356

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.0746, 0.3525, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7112, 0.4319, 0.3356 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, 146, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 140)  
}
```

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, 146, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 140) }
```

Border

The CSS property to change the border of an element to Yxy 43.7112, 0.4319, 0.3356 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, 146, 140) }
```

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

```
.border{ border-color:rgb(255, 146, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7112, 0.4319, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 140) }
```

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

```
.background{ background-color: rgb(255,  
146, 140) }
```

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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