

Converting Colors

$Yxy(42.8016, 0.4257, 0.3262)$

Have a look what the booklet for
Yxy(42.8016, 0.4257, 0.3262)
contains.

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Color

Yxy(42.7911, 0.4260, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	FE8F92
RGB	254, 143, 146
RGB Percent	100%, 56%, 57%
CMY	0.0039, 0.4392, 0.4275
CMYK	0.00, 0.44, 0.43, 0.00
HSL	358°, 98%, 78%
HSV	358°, 44%, 100%
XYZ	55.8829, 42.7911, 32.5065
YIQ	176.5310, 65.1930, 24.4650

Conversions

Conversions Part 2

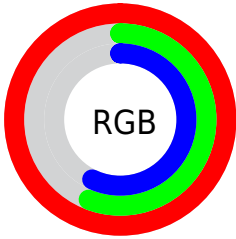
Format	Color
R _Y B	254, 143, 146
Decimal	16682898
CIE Lab	71.41, 42.09, 17.04
CIE LCh	71, 45.413, 22.041
Yxy	42.7911, 0.4260, 0.3262
Android (android.graphics.Color)	4294872978 (0xFFFE8F92)
YUV	176.5310, -15.0518, 67.9403
Hunter-Lab	65.4149, 38.0136, 16.3275

Details

The Yxy color **42.7911, 0.4260, 0.3262** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.6881, 0.2548, 0.3322**, and the grayscale version is **43.7640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8183, 0.3571, 0.3271**, and **19.6262, 0.4591, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **35.3228, 0.4683, 0.3258**, and if you desaturate by 10%, it is **52.1562, 0.3902, 0.3268**.

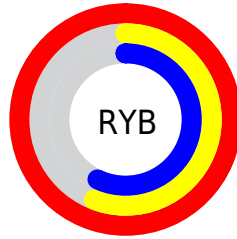
Distribution



Red (100%)

Green (56%)

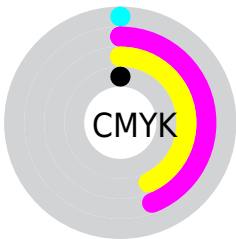
Blue (57%)



Red (100%)

Yellow (56%)

Blue (57%)

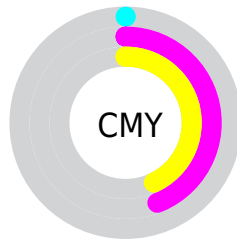


Cyan (0%)

Magenta (44%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7911, 0.4260, 0.3262 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 42.7911, 0.4260, 0.3262 by changing the saturation by 10% instead.


 42.7911, 0.4260,
0.3262


 42.7911, 0.4260,
0.3262


357.7520, 0.3680,
0.3297

 29.7212, 0.4407,
0.3247


 79.3955, 0.4047,
0.3280

 19.6271, 0.4597,
0.3223


 103.6989, 0.3968,
0.3285

 12.1243, 0.4849,
0.3184


132.5155, 0.3901,
0.3289

 6.8284, 0.5198,
0.3118

166.2299, 0.3844,
0.3291

 3.3550, 0.5707,
0.2994

205.2263, 0.3795,
0.3293

 1.3198, 0.6754,
0.2848

249.8892, 0.3752,

 0.1564, 0.8866,

0.3295

0.1134

300.6029, 0.3714,
0.3296

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.7911, 0.4260,
0.3262

42.7911, 0.4260,
0.3262

35.3228, 0.4683,
0.3258

52.1562, 0.3902,
0.3268

29.6160, 0.5153,
0.3257

63.5284, 0.3609,
0.3275

25.5280, 0.5626,
0.3261

77.0172, 0.3374,
0.3281

22.8911, 0.6029,
0.3271

92.7224, 0.3186,
0.3288

■ 21.5008, 0.6294,
0.3284

99.8104, 0.3121,
0.3290

■ 21.0853, 0.6382,
0.3289

Harmonies

Analogous

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



42.7911, 0.3740, 0.2806



42.7911, 0.4260, 0.3262



42.7911, 0.4427, 0.3759

Triad

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



42.7911, 0.4260, 0.3262



42.7911, 0.3072, 0.4361



42.7911, 0.2108, 0.2333

Complementary

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



42.7911, 0.4260, 0.3262



83.6881, 0.2548, 0.3322

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.



42.7911, 0.1976, 0.2619



42.7911, 0.4260, 0.3262



42.7911, 0.2490, 0.3835

Square

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



42.7911, 0.4260, 0.3262



42.7911, 0.3702, 0.4475



42.7911, 0.2103, 0.3157



42.7911, 0.2486, 0.2291

Rectangle

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



42.7911, 0.4260, 0.3262



42.7911, 0.4318, 0.4072



42.7911, 0.2103, 0.3157



42.7911, 0.2036, 0.2399

Sweetspot

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



42.7933, 0.4260, 0.3262



78.7367, 0.3360, 0.3282



47.1823, 0.3146, 0.2207



16.1620, 0.3406, 0.3280



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.



42.7933, 0.4260, 0.3262



36.7831, 0.4608, 0.3259



61.9961, 0.4036, 0.3831



17.9950, 0.3290, 0.3284



11.1201, 0.6374, 0.3285



1.0854, 0.6309, 0.3249

Inverse Universe

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



42.7933, 0.4260, 0.3262



36.7831, 0.4608, 0.3259



55.3324, 0.2428, 0.2667



17.9950, 0.3290, 0.3284



11.1201, 0.6374, 0.3285



1.0854, 0.6309, 0.3249

Previews

White Background



This preview shows how the Yxy color 42.7911, 0.4260, 0.3262 looks on a white background.

Color Contrast Check

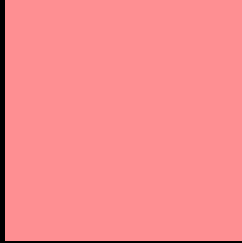
Large Text (above 18pt) WCAG AA × Fail

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 42.7911, 0.4260, 0.3262 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 42.7911, 0.4260, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 42.7911, 0.4260, 0.3262.



This preview shows how white text looks on a background with the Yxy color 42.7911, 0.4260, 0.3262.

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

42.7911, 0.4260, 0.3262

Protanopia

43.2137, 0.3299, 0.3465

Deuteranopia

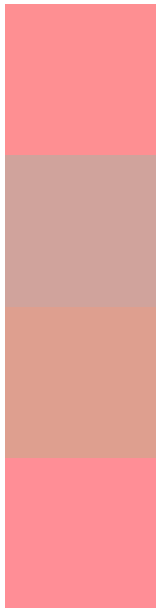
42.7956, 0.3707, 0.3623



Tritanopia

42.8730, 0.4208, 0.3189

Trichromacy



Original Color

42.7911, 0.4260, 0.3262

Protanomaly

42.0046, 0.3629, 0.3379

Deuteranomaly

42.3090, 0.3910, 0.3484

Tritanomaly

42.8080, 0.4230, 0.3210

Monochromacy



Original Color

42.7911, 0.4260, 0.3262

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.6426, 0.3499, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7911, 0.4260, 0.3262 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(254, 143, 146)` looks like.

```
.text, #text, p{  
    color:rgb(254, 143, 146)  
}
```

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(254, 143, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 143, 146) }
```

Border

The CSS property to change the border of an element to Yxy 42.7911, 0.4260, 0.3262 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(254, 143, 146) }
```

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

```
.border{ border-color:rgb(254, 143, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 143, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 143, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 143, 146);  
box-shadow:4px 4px 4px 4px rgb(254, 143,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7911, 0.4260, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 143, 146) }
```

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

```
.background{ background-color: rgb(254,  
143, 146) }
```

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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