

Converting Colors

$Yxy(42.9334, 0.4185, 0.3217)$

Have a look what the booklet for
Yxy(42.9334, 0.4185, 0.3217)
contains.

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Color

Yxy(42.8763, 0.4182, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	FC9097
RGB	252, 144, 151
RGB Percent	99%, 56%, 59%
CMY	0.0118, 0.4353, 0.4078
CMYK	0.00, 0.43, 0.40, 0.01
HSL	356°, 95%, 78%
HSV	356°, 43%, 99%
XYZ	55.7032, 42.8763, 34.6181
YIQ	177.0900, 62.1210, 25.0730

Conversions

Conversions Part 2

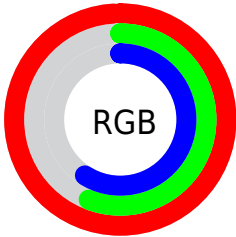
Format	Color
R _Y B	252, 144, 151
Decimal	16552087
CIE Lab	71.47, 41.39, 14.31
CIE LCh	71, 43.798, 19.068
Yxy	42.8763, 0.4182, 0.3219
Android (android.graphics.Color)	4294742167 (0xFFFC9097)
YUV	177.0900, -12.8624, 65.6961
Hunter-Lab	65.4800, 37.2583, 14.4905

Details

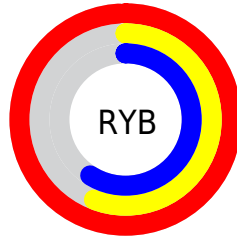
The Yxy color **42.8763, 0.4182, 0.3219** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.1419, 0.2575, 0.3368**, and the grayscale version is **44.0621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5146, 0.3529, 0.3229**, and **19.6087, 0.4498, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **35.3867, 0.4583, 0.3207**, and if you desaturate by 10%, it is **52.2267, 0.3845, 0.3235**.

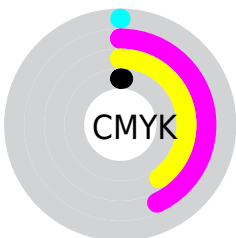
Distribution



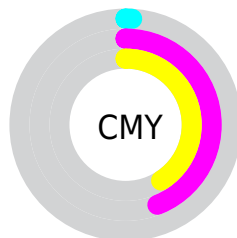
- Red (99%)
- Green (56%)
- Blue (59%)



- Red (99%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (43%)
- Yellow (40%)
- Black (1%)




- Cyan (1%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8763, 0.4182, 0.3219 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 42.8763, 0.4182, 0.3219 by changing the saturation by 10% instead.

 42.8763, 0.4182,
0.3219


 42.8763, 0.4182,
0.3219


358.1028, 0.3642,
0.3272

 29.7881, 0.4319,
0.3200


 79.5242, 0.3984,
0.3242

 19.6778, 0.4496,
0.3173


 103.8526, 0.3910,
0.3250

 12.1610, 0.4732,
0.3132


132.6965, 0.3848,
0.3256

 6.8535, 0.5061,
0.3064

166.4404, 0.3795,
0.3260

 3.3706, 0.5546,
0.2943

205.4685, 0.3749,
0.3264

 1.3281, 0.6446,
0.2759

250.1654, 0.3709,

 0.1628, 0.8813,

0.3267

0.1187

300.9154, 0.3674,
0.3270

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.8763, 0.4182,
0.3219

42.8763, 0.4182,
0.3219

35.3867, 0.4583,
0.3207

52.2267, 0.3845,
0.3235

29.6277, 0.5035,
0.3201

63.5439, 0.3569,
0.3252

25.4624, 0.5502,
0.3206

76.9338, 0.3348,
0.3269

22.7306, 0.5922,
0.3224

92.4926, 0.3171,
0.3286

■ 21.2385, 0.6225,
0.3253

99.4349, 0.3109,
0.3290

■ 20.7332, 0.6351,
0.3272

Harmonies

Analogous

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



42.8763, 0.3658, 0.2783



42.8763, 0.4182, 0.3219



42.8763, 0.4383, 0.3701

Triad

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



42.8763, 0.4182, 0.3219



42.8763, 0.3138, 0.4349



42.8763, 0.2117, 0.2381

Complementary

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



42.8763, 0.4182, 0.3219



82.1419, 0.2575, 0.3368

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.



42.8763, 0.2013, 0.2685



42.8763, 0.4182, 0.3219



42.8763, 0.2562, 0.3877

Square

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



42.8763, 0.4182, 0.3219



42.8763, 0.3741, 0.4421



42.8763, 0.2163, 0.3226



42.8763, 0.2462, 0.2316

Rectangle

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



42.8763, 0.4182, 0.3219



42.8763, 0.4303, 0.4008



42.8763, 0.2163, 0.3226



42.8763, 0.2054, 0.2455

Sweetspot

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



42.8785, 0.4182, 0.3219



78.8045, 0.3351, 0.3269



46.3534, 0.3115, 0.2217



16.1785, 0.3396, 0.3265



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.



42.8785, 0.4182, 0.3219



37.6183, 0.4506, 0.3208



59.8848, 0.4030, 0.3784



17.2434, 0.3284, 0.3275



10.8076, 0.6334, 0.3263



1.0071, 0.6177, 0.3176

Inverse Universe

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



42.8785, 0.4182, 0.3219



37.6183, 0.4506, 0.3208



56.7176, 0.2449, 0.2726



17.2434, 0.3284, 0.3275



10.8076, 0.6334, 0.3263



1.0071, 0.6177, 0.3176

Previews

White Background



This preview shows how the Yxy color 42.8763, 0.4182, 0.3219 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 42.8763, 0.4182, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

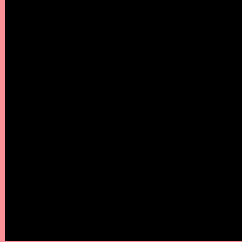
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8763, 0.4182, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 42.8763, 0.4182, 0.3219.



This preview shows how white text looks on a background with the Yxy color 42.8763, 0.4182, 0.3219.

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

42.8763, 0.4182, 0.3219

Protanopia

43.2737, 0.3247, 0.3398

Deuteranopia

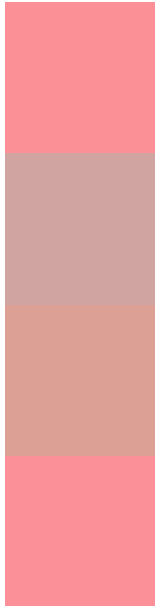
43.1790, 0.3647, 0.3572



Tritanopia

42.9751, 0.4149, 0.3187

Trichromacy



Original Color

42.8763, 0.4182, 0.3219

Protanomaly

42.3895, 0.3569, 0.3329

Deuteranomaly

42.6519, 0.3846, 0.3436

Tritanomaly

42.9419, 0.4160, 0.3198

Monochromacy



Original Color

42.8763, 0.4182, 0.3219

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.5748, 0.3471, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8763, 0.4182, 0.3219 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(252, 144, 151)` looks like.

```
.text, #text, p{  
    color:rgb(252, 144, 151)  
}
```

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(252, 144, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 144, 151) }
```

Border

The CSS property to change the border of an element to Yxy 42.8763, 0.4182, 0.3219 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(252, 144, 151) }
```

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

```
.border{ border-color:rgb(252, 144, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 144, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 144, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 144, 151);  
box-shadow:4px 4px 4px 4px rgb(252, 144,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8763, 0.4182, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 144, 151) }
```

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

```
.background{ background-color: rgb(252,  
144, 151) }
```

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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