

Converting Colors

$Y_{xy}(43.8766, 0.4229, 0.3263)$

Have a look what the booklet for
Yxy(43.8766, 0.4229, 0.3263)
contains.

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Color

Yxy(43.9877, 0.4223, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	FF9295
RGB	255, 146, 149
RGB Percent	100%, 57%, 58%
CMY	0.0000, 0.4275, 0.4158
CMYK	0.00, 0.43, 0.42, 0.00
HSL	358°, 100%, 79%
HSV	358°, 43%, 100%
XYZ	56.9467, 43.9877, 33.9145
YIQ	178.9330, 64.0010, 24.0410

Conversions

Conversions Part 2

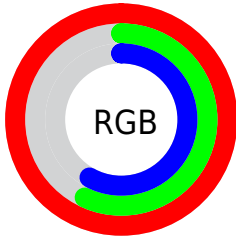
Format	Color
R _Y B	255, 146, 149
Decimal	16749205
CIE Lab	72.22, 41.26, 16.53
CIE LCh	72, 44.444, 21.836
Yxy	43.9877, 0.4223, 0.3262
Android (android.graphics.Color)	4294939285 (0xFFFF9295)
YUV	178.9330, -14.7570, 66.7108
Hunter-Lab	66.3232, 37.1986, 16.1082

Details

The Yxy color **43.9877, 0.4223, 0.3262** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.6604, 0.2558, 0.3322**, and the grayscale version is **45.0941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3451, 0.3541, 0.3271**, and **20.3126, 0.4550, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **36.2732, 0.4640, 0.3258**, and if you desaturate by 10%, it is **53.6225, 0.3871, 0.3268**.

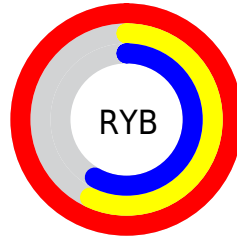
Distribution



Red (100%)

Green (57%)

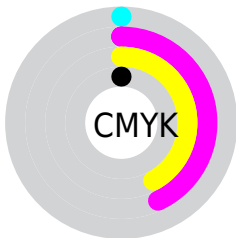
Blue (58%)



Red (100%)

Yellow (57%)

Blue (58%)

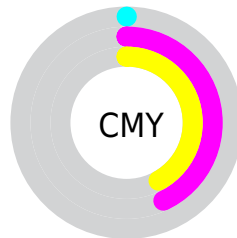


Cyan (0%)

Magenta (43%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9877, 0.4223, 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 43.9877, 0.4223, 0.3262 by changing the saturation by 10% instead.

 43.9877, 0.4223,
0.3262


 43.9877, 0.4223,
0.3262

362.6581, 0.3665,
0.3296

 30.6608, 0.4364,
0.3247


 81.1992, 0.4019,
0.3279

 20.3407, 0.4545,
0.3225


 105.8527, 0.3942,
0.3284

 12.6430, 0.4786,
0.3190


135.0505, 0.3878,
0.3287

 7.1832, 0.5119,
0.3129

169.1770, 0.3823,
0.3290

 3.5769, 0.5604,
0.3016

208.6166, 0.3775,
0.3292

 1.4398, 0.6516,
0.2855

253.7537, 0.3734,

 0.2458, 0.8417,

0.3294

0.1583

304.9728, 0.3697,
0.3295

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.9877, 0.4223,
0.3262

43.9877, 0.4223,
0.3262

36.2732, 0.4640,
0.3258

53.6225, 0.3871,
0.3268

30.3524, 0.5107,
0.3257

65.2967, 0.3584,
0.3275

26.0802, 0.5582,
0.3260

79.1171, 0.3354,
0.3282

23.2897, 0.5996,
0.3269

95.1838, 0.3171,
0.3288

■ 21.7790, 0.6276,
0.3283

100.0000, 0.3127,
0.3290

■ 21.2753, 0.6381,
0.3289

Harmonies

Analogous

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



43.9877, 0.3718, 0.2817



43.9877, 0.4223, 0.3262



43.9877, 0.4389, 0.3746

Triad

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



43.9877, 0.4223, 0.3262



43.9877, 0.3080, 0.4327



43.9877, 0.2133, 0.2360

Complementary

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



43.9877, 0.4223, 0.3262



84.6604, 0.2558, 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.



43.9877, 0.2006, 0.2643



43.9877, 0.4223, 0.3262



43.9877, 0.2512, 0.3822

Square

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



43.9877, 0.4223, 0.3262



43.9877, 0.3692, 0.4438



43.9877, 0.2133, 0.3167



43.9877, 0.2502, 0.2317

Rectangle

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



43.9877, 0.4223, 0.3262



43.9877, 0.4287, 0.4051



43.9877, 0.2133, 0.3167



43.9877, 0.2063, 0.2427

Sweetspot

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



43.9870, 0.4223, 0.3262



78.7375, 0.3360, 0.3282



48.3551, 0.3146, 0.2229



16.1622, 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.



43.9870, 0.4223, 0.3262



37.4865, 0.4563, 0.3258



63.2072, 0.4011, 0.3820



17.9951, 0.3290, 0.3284



11.1203, 0.6373, 0.3284



1.0854, 0.6307, 0.3248

Inverse Universe

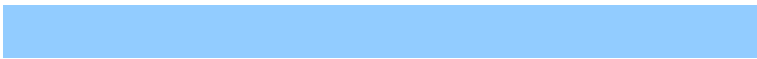
The Inverse Universe completely reimagines the original color for something new.



43.9870, 0.4223, 0.3262



37.4865, 0.4563, 0.3258



56.5800, 0.2443, 0.2683



17.9951, 0.3290, 0.3284



11.1203, 0.6373, 0.3284



1.0854, 0.6307, 0.3248

Previews

White Background



This preview shows how the Yxy color 43.9877, 0.4223, 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 43.9877, 0.4223, 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 43.9877, 0.4223, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 43.9877, 0.4223, 0.3262.



This preview shows how white text looks on a background with the Yxy color 43.9877, 0.4223, 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

43.9877, 0.4223, 0.3262

Protanopia

44.3512, 0.3289, 0.3450

Deuteranopia

44.2920, 0.3688, 0.3619



Tritanopia

43.9111, 0.4151, 0.3178

Trichromacy



Original Color

43.9877, 0.4223, 0.3262



Protanomaly

43.4773, 0.3611, 0.3378



Deuteranomaly

43.7633, 0.3887, 0.3482



Tritanomaly

43.8107, 0.4184, 0.3209

Monochromacy



Original Color

43.9877, 0.4223, 0.3262



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.7300, 0.3495, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9877, 0.4223, 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(255, 146, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 149) }
```

Border

The CSS property to change the border of an element to Yxy 43.9877, 0.4223, 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(255, 146, 149) }
```

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

```
.border{ border-color:rgb(255, 146, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9877, 0.4223, 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(255, 146, 149) }
```

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

```
.background{ background-color: rgb(255,  
146, 149) }
```

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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