

Converting Colors

Yxy(43.9931, 0.4250, 0.3293)

Have a look what the booklet for
Yxy(43.9931, 0.4250, 0.3293)
contains.

Yxy(43.8931, 0.4255, 0.3293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.8931, 0.4255, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	FF9292
RGB	255, 146, 146
RGB Percent	100%, 57%, 57%
CMY	0.0000, 0.4275, 0.4274
CMYK	0.00, 0.43, 0.43, 0.00
HSL	360°, 100%, 79%
HSV	360°, 43%, 100%
XYZ	56.7158, 43.8931, 32.6832
YIQ	178.5910, 64.9640, 23.1080

Conversions

Conversions Part 2

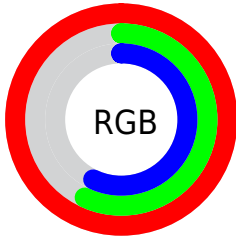
Format	Color
RYB	255, 146, 146
Decimal	16749202
CIELab	72.16, 40.96, 18.08
CIElCh	72, 44.772, 23.822
Yxy	43.8931, 0.4255, 0.3293
Android (android.graphics.Color)	4294939282 (0xFFFF9292)
YUV	178.5910, -16.0674, 67.0107
Hunter-Lab	66.2519, 36.8666, 17.1275

Details

The Yxy color **43.8931, 0.4255, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.8481, 0.2545, 0.3289**, and the grayscale version is **44.9078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2034, 0.3564, 0.3302**, and **20.2753, 0.4581, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **36.1795, 0.4684, 0.3294**, and if you desaturate by 10%, it is **53.5304, 0.3893, 0.3292**.

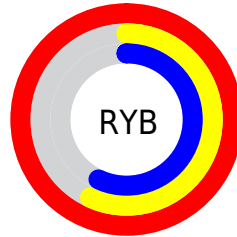
Distribution



Red (100%)

Green (57%)

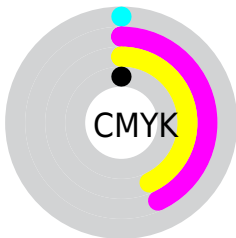
Blue (57%)



Red (100%)

Yellow (57%)

Blue (57%)

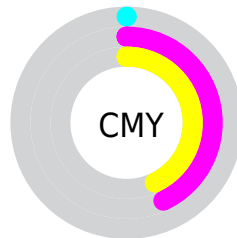


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8931, 0.4255, 0.3293 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 43.8931, 0.4255, 0.3293 by changing the saturation by 10% instead.


 43.8931, 0.4255,
0.3293

 43.8931, 0.4255,
0.3293


362.2719, 0.3680,
0.3313

 30.5865, 0.4400,
0.3281


 81.0569, 0.4045,
0.3305

 20.2842, 0.4586,
0.3262


 105.6828, 0.3966,
0.3308

 12.6018, 0.4834,
0.3230


134.8506, 0.3900,
0.3310

 7.1549, 0.5175,
0.3172

168.9447, 0.3843,
0.3312

 3.5592, 0.5669,
0.3061

208.3495, 0.3794,
0.3312

 1.4302, 0.6660,
0.2929

253.4494, 0.3751,

 0.2388, 0.8436,

0.3313

0.1564

304.6287, 0.3713,
0.3313

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.8931, 0.4255,
0.3293

43.8931, 0.4255,
0.3293

36.1795, 0.4684,
0.3294

53.5304, 0.3893,
0.3292

30.2691, 0.5161,
0.3296

65.2186, 0.3597,
0.3291

26.0129, 0.5639,
0.3297

79.0630, 0.3361,
0.3291

23.2427, 0.6045,
0.3298

95.1644, 0.3172,
0.3290

■ 21.7541, 0.6306,
0.3299

100.0000, 0.3127,
0.3290

■ 21.2601, 0.6401,
0.3300

Harmonies

Analogous

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



43.8931, 0.3764, 0.2840



43.8931, 0.4255, 0.3293



43.8931, 0.4396, 0.3781

Triad

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



43.8931, 0.4255, 0.3293



43.8931, 0.3038, 0.4314



43.8931, 0.2143, 0.2343

Complementary

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



43.8931, 0.4255, 0.3293



84.8481, 0.2545, 0.3289

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.



43.8931, 0.1999, 0.2611



43.8931, 0.4255, 0.3293



43.8931, 0.2475, 0.3784

Square

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



43.8931, 0.4255, 0.3293



43.8931, 0.3657, 0.4453



43.8931, 0.2109, 0.3124



43.8931, 0.2529, 0.2315

Rectangle

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



43.8931, 0.4255, 0.3293



43.8931, 0.4276, 0.4084



43.8931, 0.2109, 0.3124



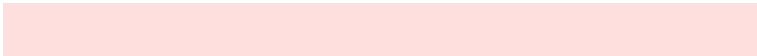
43.8931, 0.2068, 0.2404

Sweetspot

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



43.8900, 0.4255, 0.3293



78.6892, 0.3366, 0.3291



48.6912, 0.3161, 0.2234



16.1505, 0.3414, 0.3291



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.



43.8900, 0.4255, 0.3293



37.3948, 0.4604, 0.3294



64.0335, 0.4002, 0.3838



17.9872, 0.3295, 0.3290



11.1089, 0.6400, 0.3300



1.0817, 0.6400, 0.3299

Inverse Universe

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



43.8900, 0.4255, 0.3293



37.3948, 0.4604, 0.3294



55.7171, 0.2439, 0.2660



17.9872, 0.3295, 0.3290



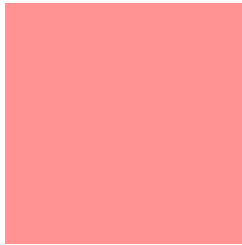
11.1089, 0.6400, 0.3300



1.0817, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 43.8931, 0.4255, 0.3293 looks on a white background.

Color Contrast Check

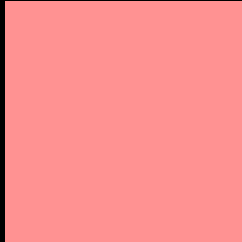
Large Text (above 18pt) WCAG AA × Fail

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 43.8931, 0.4255, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

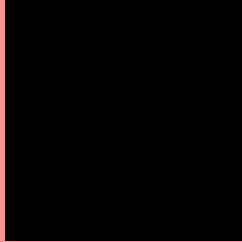
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8931, 0.4255, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 43.8931, 0.4255, 0.3293.



This preview shows how white text looks on a background with the Yxy color 43.8931, 0.4255, 0.3293.

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

43.8931, 0.4255, 0.3293

Protanopia

44.2078, 0.3323, 0.3504

Deuteranopia

43.9678, 0.3728, 0.3644



Tritanopia

43.8774, 0.4162, 0.3188

Trichromacy



Original Color

43.8931, 0.4255, 0.3293



Protanomaly

43.3744, 0.3640, 0.3416



Deuteranomaly

43.3202, 0.3921, 0.3506



Tritanomaly

43.7778, 0.4195, 0.3220

Monochromacy



Original Color

43.8931, 0.4255, 0.3293



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.6929, 0.3505, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8931, 0.4255, 0.3293 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 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(255, 146, 146) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 43.8931, 0.4255, 0.3293 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, 146) }
```

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

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

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, 146)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 43.8931, 0.4255, 0.3293 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, 146) }
```

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

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