

Converting Colors

$Yxy(44.4787, 0.4139, 0.3293)$

Have a look what the booklet for
Yxy(44.4787, 0.4139, 0.3293)
contains.

Yxy(44.3387, 0.4147, 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(44.3387, 0.4147, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	FA9696
RGB	250, 150, 150
RGB Percent	98%, 59%, 59%
CMY	0.0196, 0.4118, 0.4118
CMYK	0.00, 0.40, 0.40, 0.02
HSL	0°, 91%, 78%
HSV	0°, 40%, 98%
XYZ	55.8374, 44.3387, 34.4692
YIQ	179.9000, 59.6000, 21.2000

Conversions

Conversions Part 2

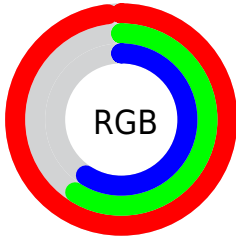
Format	Color
R_{YB}	250, 150, 150
Decimal	16422550
CIE Lab	72.45, 37.49, 16.20
CIE LCh	72, 40.842, 23.369
Yxy	44.3387, 0.4147, 0.3293
Android (android.graphics.Color)	4294612630 (0xFFFA9696)
YUV	179.9000, -14.7407, 61.4777
Hunter-Lab	66.5873, 33.1550, 15.9194

Details

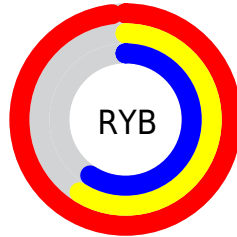
The Yxy color **44.3387, 0.4147, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.7602, 0.2575, 0.3288**, and the grayscale version is **45.6433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2823, 0.3525, 0.3301**, and **20.5266, 0.4459, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **36.4739, 0.4558, 0.3294**, and if you desaturate by 10%, it is **54.0815, 0.3804, 0.3292**.

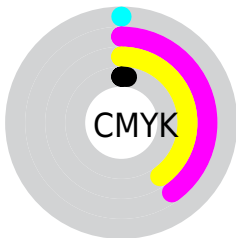
Distribution



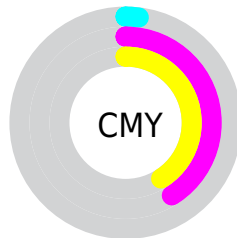
- Red (98%)
- Green (59%)
- Blue (59%)



- Red (98%)
- Yellow (59%)
- Blue (59%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (2%)




- Cyan (2%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3387, 0.4147, 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 44.3387, 0.4147, 0.3293 by changing the saturation by 10% instead.


 44.3387, 0.4147,
0.3293


 44.3387, 0.4147,
0.3293


364.0886, 0.3628,
0.3309

 30.9369, 0.4278,
0.3283


 81.7272, 0.3957,
0.3303

 20.5508, 0.4447,
0.3268


 106.4826, 0.3886,
0.3305

 12.7960, 0.4672,
0.3242


135.7913, 0.3826,
0.3307

 7.2882, 0.4983,
0.3195


170.0378, 0.3775,
0.3308

 3.6430, 0.5438,
0.3104

209.6063, 0.3731,
0.3309

 1.4759, 0.6286,
0.2971

254.8814, 0.3692,

 0.2717, 0.8177,

0.3309

0.1823

306.2474, 0.3658,
0.3309

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.3387, 0.4147,
0.3293

44.3387, 0.4147,
0.3293

36.4739, 0.4558,
0.3294

54.0815, 0.3804,
0.3292

30.3602, 0.5024,
0.3296

65.8054, 0.3526,
0.3291

25.8657, 0.5508,
0.3297

79.6137, 0.3304,
0.3291

22.8369, 0.5942,
0.3298

95.6007, 0.3127,
0.3290

■ 21.0908, 0.6249,
0.3299

■ 99.0652, 0.3096,
0.3290

■ 20.3253, 0.6401,
0.3300

Harmonies

Analogous

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



44.3387, 0.3699, 0.2873



44.3387, 0.4147, 0.3293



44.3387, 0.4285, 0.3743

Triad

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



44.3387, 0.4147, 0.3293



44.3387, 0.3060, 0.4216



44.3387, 0.2220, 0.2424

Complementary

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



44.3387, 0.4147, 0.3293



81.7602, 0.2575, 0.3288

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.



44.3387, 0.2089, 0.2679



44.3387, 0.4147, 0.3293



44.3387, 0.2541, 0.3747

Square

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



44.3387, 0.4147, 0.3293



44.3387, 0.3626, 0.4345



44.3387, 0.2197, 0.3154



44.3387, 0.2575, 0.2391

Rectangle

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



44.3387, 0.4147, 0.3293



44.3387, 0.4183, 0.4019



44.3387, 0.2197, 0.3154



44.3387, 0.2150, 0.2484

Sweetspot

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



44.3409, 0.4147, 0.3293



80.1906, 0.3345, 0.3291



49.0406, 0.3173, 0.2303



16.7453, 0.3372, 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.



44.3409, 0.4147, 0.3293



39.6090, 0.4472, 0.3294



63.8374, 0.3924, 0.3819



17.2253, 0.3294, 0.3291



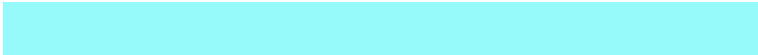
10.7806, 0.6401, 0.3300



0.9985, 0.6401, 0.3300

Inverse Universe

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



81.7602, 0.2575, 0.3288



83.6920, 0.2492, 0.3288



54.6968, 0.2481, 0.2687



19.6086, 0.2980, 0.3290



39.9253, 0.2247, 0.3287



3.6978, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 44.3387, 0.4147, 0.3293 looks on a white background.

Color Contrast Check

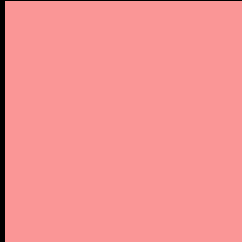
Large Text (above 18pt) WCAG AA × Fail

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 44.3387, 0.4147, 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 44.3387, 0.4147, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 44.3387, 0.4147, 0.3293.



This preview shows how white text looks on a background with the Yxy color 44.3387, 0.4147, 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

44.3387, 0.4147, 0.3293

Protanopia

44.8354, 0.3305, 0.3476

Deuteranopia

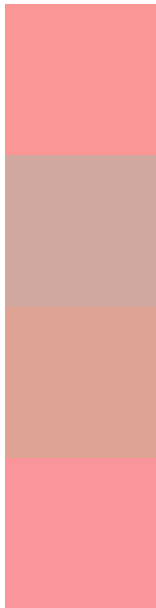
44.3230, 0.3678, 0.3607



Tritanopia

44.5422, 0.4055, 0.3175

Trichromacy



Original Color

44.3387, 0.4147, 0.3293

Protanomaly

44.0638, 0.3596, 0.3403

Deuteranomaly

43.8306, 0.3854, 0.3483

Tritanomaly

44.4044, 0.4097, 0.3218

Monochromacy



Original Color

44.3387, 0.4147, 0.3293

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.2196, 0.3463, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3387, 0.4147, 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(250, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(250, 150, 150)  
}
```

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(250, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 150, 150) }
```

Border

The CSS property to change the border of an element to Yxy 44.3387, 0.4147, 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(250, 150, 150) }
```

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

```
.border{ border-color:rgb(250, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(250, 150,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3387, 0.4147, 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(250, 150, 150) }
```

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

```
.background{ background-color: rgb(250,  
150, 150) }
```

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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