

Converting Colors

$Yxy(44.6015, 0.4285, 0.3284)$

Have a look what the booklet for
Yxy(44.6015, 0.4285, 0.3284)
contains.

Yxy(43.9244, 0.4244, 0.3283)	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(43.9244, 0.4244, 0.3283)

Conversions

Conversions Part 1

Format	Color
Hex	FF9293
RGB	255, 146, 147
RGB Percent	100%, 57%, 58%
CMY	0.0000, 0.4274, 0.4235
CMYK	0.00, 0.43, 0.42, 0.00
HSL	359°, 100%, 79%
HSV	359°, 43%, 100%
XYZ	56.7820, 43.9244, 33.0871
YIQ	178.7050, 64.6430, 23.4190

Conversions

Conversions Part 2

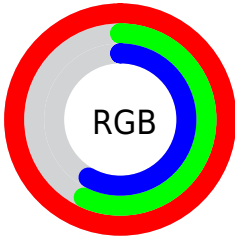
Format	Color
R _{YB}	255, 146, 147
Decimal	16749203
CIE _{Lab}	72.18, 41.03, 17.57
CIE _{LCh}	72, 44.635, 23.181
Y _{xy}	43.9244, 0.4244, 0.3283
Android (android.graphics.Color)	4294939283 (0xFFFF9293)
YUV	178.7050, -15.6306, 66.9107
Hunter-Lab	66.2755, 36.9489, 16.7931

Details

The Yxy color **43.9244, 0.4244, 0.3283** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.7813, 0.2549, 0.3299**, and the grayscale version is **44.9749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2503, 0.3556, 0.3291**, and **20.2939, 0.4566, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **36.2136, 0.4669, 0.3283**, and if you desaturate by 10%, it is **53.5668, 0.3885, 0.3284**.

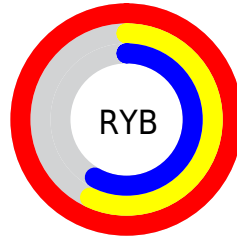
Distribution



Red (100%)

Green (57%)

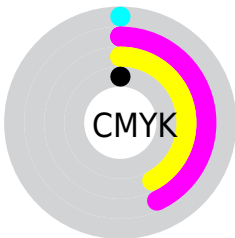
Blue (58%)



Red (100%)

Yellow (57%)

Blue (58%)

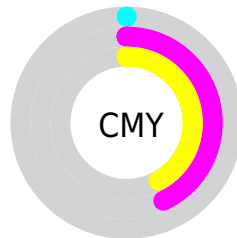


Cyan (0%)

Magenta (43%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9244, 0.4244, 0.3283 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 43.9244, 0.4244, 0.3283 by changing the saturation by 10% instead.


 43.9244, 0.4244,
0.3283

 43.9244, 0.4244,
0.3283


362.3997, 0.3675,
0.3307

 30.6111, 0.4388,
0.3270


 81.1040, 0.4036,
0.3297

 20.3029, 0.4572,
0.3250


 105.7390, 0.3958,
0.3300

 12.6154, 0.4817,
0.3217


134.9167, 0.3892,
0.3303

 7.1642, 0.5156,
0.3158

169.0216, 0.3836,
0.3305

 3.5650, 0.5647,
0.3047

208.4379, 0.3787,
0.3306

 1.4334, 0.6610,
0.2904

253.5501, 0.3745,

 0.2411, 0.8429,

0.3307

0.1571

304.7425, 0.3708,
0.3307

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.9244, 0.4244,
0.3283

43.9244, 0.4244,
0.3283

36.2136, 0.4669,
0.3283

53.5668, 0.3885,
0.3284

30.2983, 0.5143,
0.3283

65.2518, 0.3593,
0.3286

26.0355, 0.5620,
0.3285

79.0896, 0.3358,
0.3288

23.2573, 0.6029,
0.3289

95.1808, 0.3171,
0.3290

■ 21.7604, 0.6297,
0.3294

99.9978, 0.3127,
0.3290

■ 21.2629, 0.6394,
0.3296

Harmonies

Analogous

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



43.9244, 0.3749, 0.2833



43.9244, 0.4244, 0.3283



43.9244, 0.4393, 0.3769

Triad

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



43.9244, 0.4244, 0.3283



43.9244, 0.3052, 0.4318



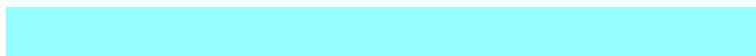
43.9244, 0.2141, 0.2349

Complementary

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



43.9244, 0.4244, 0.3283



84.7813, 0.2549, 0.3299

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.



43.9244, 0.2002, 0.2621



43.9244, 0.4244, 0.3283



43.9244, 0.2488, 0.3796

Square

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



43.9244, 0.4244, 0.3283



43.9244, 0.3668, 0.4448



43.9244, 0.2117, 0.3138



43.9244, 0.2521, 0.2316

Rectangle

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



43.9244, 0.4244, 0.3283



43.9244, 0.4279, 0.4073



43.9244, 0.2117, 0.3138



43.9244, 0.2067, 0.2412

Sweetspot

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



43.9266, 0.4244, 0.3283



78.7048, 0.3364, 0.3288



48.6966, 0.3161, 0.2234



16.1543, 0.3411, 0.3287



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.



43.9266, 0.4244, 0.3283



37.4241, 0.4591, 0.3283



64.0359, 0.4002, 0.3838



17.9897, 0.3293, 0.3288



11.1126, 0.6392, 0.3295



1.0829, 0.6370, 0.3283

Inverse Universe

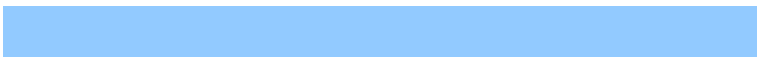
The Inverse Universe completely reimagines the original color for something new.



43.9266, 0.4244, 0.3283



37.4241, 0.4591, 0.3283



55.7220, 0.2439, 0.2660



17.9897, 0.3293, 0.3288



11.1126, 0.6392, 0.3295



1.0829, 0.6370, 0.3283

Previews

White Background



This preview shows how the Yxy color 43.9244, 0.4244, 0.3283 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 43.9244, 0.4244, 0.3283 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 43.9244, 0.4244, 0.3283

Background



This preview shows how black text looks on a background with the Yxy color 43.9244, 0.4244, 0.3283.



This preview shows how white text looks on a background with the Yxy color 43.9244, 0.4244, 0.3283.

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

43.9244, 0.4244, 0.3283

Protanopia

44.2790, 0.3306, 0.3477

Deuteranopia

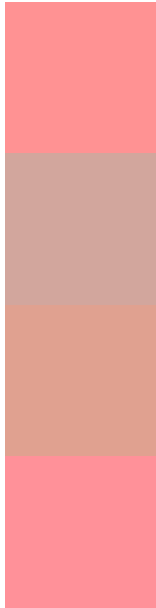
43.8544, 0.3710, 0.3632



Tritanopia

43.9111, 0.4151, 0.3178

Trichromacy



Original Color

43.9244, 0.4244, 0.3283

Protanomaly

43.4084, 0.3630, 0.3403

Deuteranomaly

43.3506, 0.3911, 0.3494

Tritanomaly

43.8107, 0.4184, 0.3209

Monochromacy



Original Color

43.9244, 0.4244, 0.3283

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 43.9244, 0.4244, 0.3283 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 147) }
```

Border

The CSS property to change the border of an element to Yxy 43.9244, 0.4244, 0.3283 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, 147) }
```

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

```
.border{ border-color:rgb(255, 146, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9244, 0.4244, 0.3283 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, 147) }
```

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

```
.background{ background-color: rgb(255,  
146, 147) }
```

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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