

Converting Colors

$Y_{xy}(43.3559, 0.4280, 0.3293)$

Have a look what the booklet for
Yxy(43.3559, 0.4280, 0.3293)
contains.

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Color

Yxy(43.2201, 0.4286, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	FF9090
RGB	255, 144, 144
RGB Percent	100%, 56%, 56%
CMY	0.0000, 0.4353, 0.4352
CMYK	0.00, 0.44, 0.44, 0.00
HSL	360°, 100%, 78%
HSV	360°, 44%, 100%
XYZ	56.2531, 43.2201, 31.7752
YIQ	177.1890, 66.1560, 23.5320

Conversions

Conversions Part 2

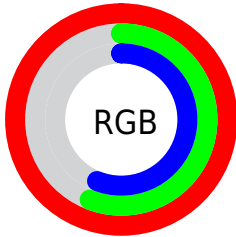
Format	Color
R_{YB}	255, 144, 144
Decimal	16748688
CIE _{Lab}	71.70, 41.76, 18.55
CIE _{LCh}	72, 45.698, 23.955
Yxy	43.2201, 0.4286, 0.3293
Android (android.graphics.Color)	4294938768 (0xFFFF9090)
YUV	177.1890, -16.3622, 68.2402
Hunter-Lab	65.7420, 37.6876, 17.3626

Details

The Yxy color **43.2201, 0.4286, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.6665, 0.2537, 0.3289**, and the grayscale version is **44.1319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1841, 0.3585, 0.3302**, and **19.8924, 0.4626, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **35.6547, 0.4719, 0.3294**, and if you desaturate by 10%, it is **52.7048, 0.3918, 0.3292**.

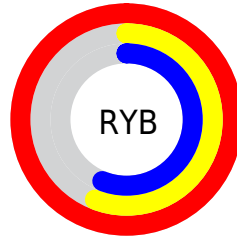
Distribution



Red (100%)

Green (56%)

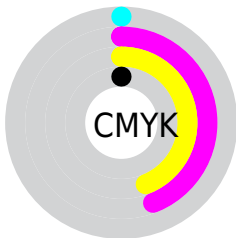
Blue (56%)



Red (100%)

Yellow (56%)

Blue (56%)

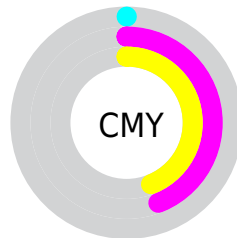


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2201, 0.4286, 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 43.2201, 0.4286, 0.3293 by changing the saturation by 10% instead.


 43.2201, 0.4286,
0.3293

 43.2201, 0.4286,
0.3293

359.5161, 0.3694,
0.3314

 30.0578, 0.4436,
0.3280


 80.0429, 0.4069,
0.3306

 19.8825, 0.4628,
0.3260


 104.4722, 0.3988,
0.3309

 12.3097, 0.4884,
0.3225


133.4260, 0.3920,
0.3312

 6.9549, 0.5236,
0.3164

167.2887, 0.3861,
0.3313

 3.4339, 0.5746,
0.3044

206.4447, 0.3811,
0.3314

 1.3623, 0.6833,
0.2924

251.2783, 0.3767,

 0.1887, 0.8690,

0.3314

0.1310

302.1740, 0.3728,
0.3314

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.2201, 0.4286,
0.3293

43.2201, 0.4286,
0.3293

35.6547, 0.4719,
0.3294

52.7048, 0.3918,
0.3292

29.8790, 0.5199,
0.3296

64.2288, 0.3618,
0.3291

25.7454, 0.5674,
0.3297

77.9008, 0.3377,
0.3291

23.0832, 0.6071,
0.3298

93.8222, 0.3185,
0.3290

■ 21.6846, 0.6319,
0.3299

100.0000, 0.3127,
0.3290

■ 21.2602, 0.6401,
0.3300

Harmonies

Analogous

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



43.2201, 0.3783, 0.2831



43.2201, 0.4286, 0.3293



43.2201, 0.4428, 0.3791

Triad

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



43.2201, 0.4286, 0.3293



43.2201, 0.3031, 0.4342



43.2201, 0.2122, 0.2320

Complementary

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



43.2201, 0.4286, 0.3293



84.6665, 0.2537, 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.



43.2201, 0.1974, 0.2591



43.2201, 0.4286, 0.3293



43.2201, 0.2456, 0.3794

Square

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



43.2201, 0.4286, 0.3293



43.2201, 0.3665, 0.4484



43.2201, 0.2084, 0.3115



43.2201, 0.2517, 0.2293

Rectangle

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



43.2201, 0.4286, 0.3293



43.2201, 0.4303, 0.4102



43.2201, 0.2084, 0.3115



43.2201, 0.2045, 0.2382

Sweetspot

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



43.2196, 0.4286, 0.3293



78.6894, 0.3366, 0.3291



48.0758, 0.3162, 0.2216



16.1506, 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.



43.2196, 0.4286, 0.3293



36.6937, 0.4649, 0.3294



63.5006, 0.4023, 0.3848



17.9872, 0.3295, 0.3290



11.1089, 0.6400, 0.3300



1.0817, 0.6400, 0.3299

Inverse Universe

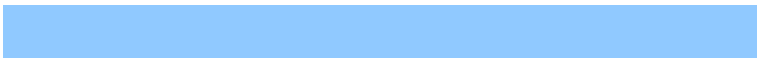
The Inverse Universe completely reimagines the original color for something new.



43.2196, 0.4286, 0.3293



36.6937, 0.4649, 0.3294



55.0844, 0.2427, 0.2646



17.9872, 0.3295, 0.3290



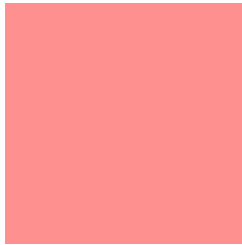
11.1089, 0.6400, 0.3300



1.0817, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 43.2201, 0.4286, 0.3293 looks on a white background.

Color Contrast Check

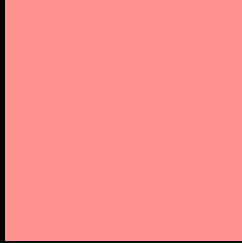
Large Text (above 18pt) WCAG AA × Fail

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 43.2201, 0.4286, 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 43.2201, 0.4286, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 43.2201, 0.4286, 0.3293.



This preview shows how white text looks on a background with the Yxy color 43.2201, 0.4286, 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

43.2201, 0.4286, 0.3293

Protanopia

43.6560, 0.3324, 0.3505

Deuteranopia

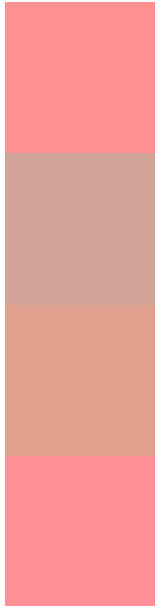
43.3912, 0.3741, 0.3658



Tritanopia

43.2048, 0.4193, 0.3189

Trichromacy



Original Color

43.2201, 0.4286, 0.3293

Protanomaly

42.4393, 0.3655, 0.3417

Deuteranomaly

42.9120, 0.3945, 0.3518

Tritanomaly

43.1069, 0.4226, 0.3220

Monochromacy



Original Color

43.2201, 0.4286, 0.3293

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.6060, 0.3509, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2201, 0.4286, 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, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 144)  
}
```

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, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 144) }
```

Border

The CSS property to change the border of an element to Yxy 43.2201, 0.4286, 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, 144, 144) }
```

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

```
.border{ border-color:rgb(255, 144, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2201, 0.4286, 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, 144, 144) }
```

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

```
.background{ background-color: rgb(255,  
144, 144) }
```

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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