

Converting Colors

$Y_{xy}(43.5459, 0.4271, 0.3293)$

Have a look what the booklet for
Yxy(43.5459, 0.4271, 0.3293)
contains.

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Color

Yxy(43.5551, 0.4270, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	FF9191
RGB	255, 145, 145
RGB Percent	100%, 57%, 57%
CMY	0.0000, 0.4314, 0.4312
CMYK	0.00, 0.43, 0.43, 0.00
HSL	360°, 100%, 78%
HSV	360°, 43%, 100%
XYZ	56.4775, 43.5551, 32.2332
YIQ	177.8900, 65.5600, 23.3200

Conversions

Conversions Part 2

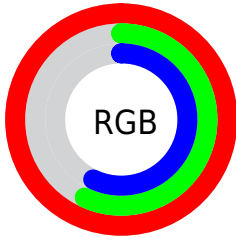
Format	Color
R_{YB}	255, 145, 145
Decimal	16748945
CIE _{Lab}	71.93, 41.35, 18.31
CIE _{LCh}	72, 45.218, 23.886
Yxy	43.5551, 0.4270, 0.3293
Android (android.graphics.Color)	4294939025 (0xFFFF9191)
YUV	177.8900, -16.2148, 67.6255
Hunter-Lab	65.9963, 37.2609, 17.2397

Details

The Yxy color **43.5551, 0.4270, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.7555, 0.2541, 0.3289**, and the grayscale version is **44.5237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6921, 0.3574, 0.3302**, and **20.0826, 0.4604, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **35.9188, 0.4701, 0.3294**, and if you desaturate by 10%, it is **53.1209, 0.3905, 0.3292**.

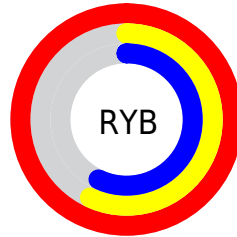
Distribution



Red (100%)

Green (57%)

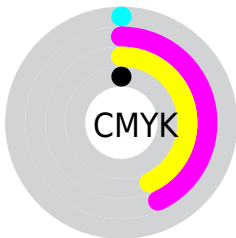
Blue (57%)



Red (100%)

Yellow (57%)

Blue (57%)

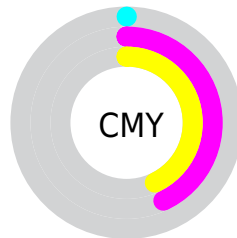


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5551, 0.4270, 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 43.5551, 0.4270, 0.3293 by changing the saturation by 10% instead.


 43.5551, 0.4270,
0.3293

 43.5551, 0.4270,
0.3293


360.8897, 0.3687,
0.3314

 30.3209, 0.4417,
0.3281


 80.5479, 0.4056,
0.3306

 20.0823, 0.4607,
0.3261


 105.0752, 0.3977,
0.3309

 12.4549, 0.4858,
0.3228


134.1357, 0.3909,
0.3311

 7.0543, 0.5205,
0.3168

168.1138, 0.3852,
0.3312

 3.4961, 0.5706,
0.3053

207.3938, 0.3802,
0.3313

 1.3959, 0.6743,
0.2926

252.3602, 0.3759,

 0.2137, 0.8559,

0.3313

0.1441

303.3974, 0.3721,
0.3314

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.5551, 0.4270,
0.3293

43.5551, 0.4270,
0.3293

35.9188, 0.4701,
0.3294

53.1209, 0.3905,
0.3292

30.0749, 0.5179,
0.3296

64.7279, 0.3607,
0.3291

25.8793, 0.5656,
0.3297

78.4869, 0.3369,
0.3291

23.1625, 0.6058,
0.3298

94.4991, 0.3178,
0.3290

■ 21.7184, 0.6312,
0.3299

99.9993, 0.3127,
0.3290

■ 21.2594, 0.6401,
0.3300

Harmonies

Analogous

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



43.5551, 0.3773, 0.2836



43.5551, 0.4270, 0.3293



43.5551, 0.4412, 0.3786

Triad

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



43.5551, 0.4270, 0.3293



43.5551, 0.3035, 0.4327



43.5551, 0.2133, 0.2332

Complementary

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



43.5551, 0.4270, 0.3293



84.7555, 0.2541, 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.



43.5551, 0.1987, 0.2601



43.5551, 0.4270, 0.3293



43.5551, 0.2466, 0.3789

Square

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



43.5551, 0.4270, 0.3293



43.5551, 0.3661, 0.4468



43.5551, 0.2097, 0.3120



43.5551, 0.2523, 0.2304

Rectangle

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



43.5551, 0.4270, 0.3293



43.5551, 0.4289, 0.4093



43.5551, 0.2097, 0.3120



43.5551, 0.2056, 0.2394

Sweetspot

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



43.5573, 0.4270, 0.3293



78.6893, 0.3366, 0.3291



48.3855, 0.3161, 0.2225



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.



43.5573, 0.4270, 0.3293



36.6935, 0.4649, 0.3294



63.7687, 0.4012, 0.3843



17.9872, 0.3295, 0.3290



11.1089, 0.6400, 0.3300



1.0817, 0.6400, 0.3299

Inverse Universe

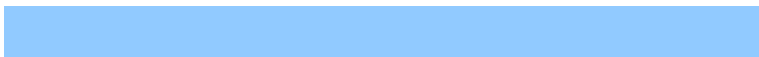
The Inverse Universe completely reimagines the original color for something new.



43.5573, 0.4270, 0.3293



36.6935, 0.4649, 0.3294



55.4032, 0.2433, 0.2653



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 43.5551, 0.4270, 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 43.5551, 0.4270, 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 43.5551, 0.4270, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 43.5551, 0.4270, 0.3293.



This preview shows how white text looks on a background with the Yxy color 43.5551, 0.4270, 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

43.5551, 0.4270, 0.3293

Protanopia

43.8142, 0.3324, 0.3491

Deuteranopia

43.7943, 0.3728, 0.3658



Tritanopia

43.5396, 0.4178, 0.3188

Trichromacy



Original Color

43.5551, 0.4270, 0.3293



Protanomaly

42.9785, 0.3652, 0.3416



Deuteranomaly

43.2900, 0.3931, 0.3518



Tritanomaly

43.4409, 0.4210, 0.3220

Monochromacy



Original Color

43.5551, 0.4270, 0.3293



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

43.1474, 0.3507, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5551, 0.4270, 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, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 145)  
}
```

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, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 145) }
```

Border

The CSS property to change the border of an element to Yxy 43.5551, 0.4270, 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, 145, 145) }
```

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

```
.border{ border-color:rgb(255, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5551, 0.4270, 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, 145, 145) }
```

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

```
.background{ background-color: rgb(255,  
145, 145) }
```

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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