

Converting Colors

$Y_{xy}(43.7488, 0.4206, 0.3233)$

Have a look what the booklet for
Yxy(43.7488, 0.4206, 0.3233)
contains.

Yxy(43.7452, 0.4206, 0.3230)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.7452, 0.4206, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	FF9197
RGB	255, 145, 151
RGB Percent	100%, 57%, 59%
CMY	0.0000, 0.4315, 0.4078
CMYK	0.00, 0.43, 0.41, 0.00
HSL	357°, 100%, 78%
HSV	357°, 43%, 100%
XYZ	56.9636, 43.7452, 34.7253
YIQ	178.5740, 63.6340, 25.1860

Conversions

Conversions Part 2

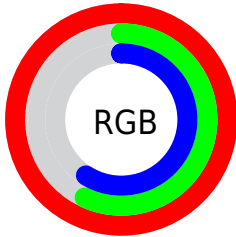
Format	Color
R_{YB}	255, 145, 151
Decimal	16748951
CIE _{Lab}	72.06, 42.00, 15.18
CIE _{LCh}	72, 44.656, 19.872
Yxy	43.7452, 0.4206, 0.3230
Android (android.graphics.Color)	4294939031 (0xFFFF9197)
YUV	178.5740, -13.5940, 67.0256
Hunter-Lab	66.1402, 37.9888, 15.1693

Details

The Yxy color **43.7452, 0.4206, 0.3230** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.3753, 0.2567, 0.3356**, and the grayscale version is **44.8826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9763, 0.3527, 0.3240**, and **20.1765, 0.4527, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **36.0983, 0.4613, 0.3220**, and if you desaturate by 10%, it is **53.2895, 0.3862, 0.3243**.

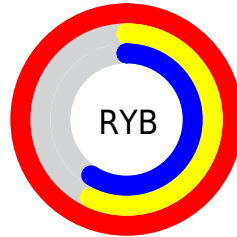
Distribution



Red (100%)

Green (57%)

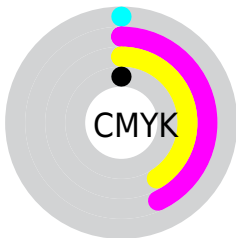
Blue (59%)



Red (100%)

Yellow (57%)

Blue (59%)

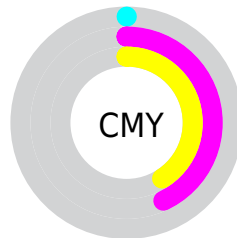


Cyan (0%)

Magenta (43%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (43%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7452, 0.4206, 0.3230 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 43.7452, 0.4206, 0.3230 by changing the saturation by 10% instead.


 43.7452, 0.4206,
0.3230


 43.7452, 0.4206,
0.3230

361.6675, 0.3656,
0.3278

 30.4702, 0.4345,
0.3212


 80.8342, 0.4004,
0.3252

 20.1958, 0.4524,
0.3186


 105.4170, 0.3929,
0.3259

 12.5374, 0.4762,
0.3146


134.5379, 0.3866,
0.3264

 7.1108, 0.5093,
0.3080

168.5813, 0.3812,
0.3268

 3.5315, 0.5576,
0.2960

207.9316, 0.3765,
0.3272

 1.4151, 0.6454,
0.2777

252.9731, 0.3724,

 0.2278, 0.8517,

0.3274

0.1483

304.0903, 0.3688,
0.3276

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.7452, 0.4206,
0.3230

43.7452, 0.4206,
0.3230

36.0983, 0.4613,
0.3220

53.2895, 0.3862,
0.3243

30.2374, 0.5071,
0.3216

64.8645, 0.3582,
0.3258

26.0129, 0.5540,
0.3221

78.5717, 0.3356,
0.3272

23.2584, 0.5955,
0.3237

94.5107, 0.3176,
0.3286

■ 21.7723, 0.6247,
0.3263

100.0000, 0.3127,
0.3290

■ 21.2917, 0.6361,
0.3278

Harmonies

Analogous

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



43.7452, 0.3681, 0.2788



43.7452, 0.4206, 0.3230



43.7452, 0.4399, 0.3717

Triad

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



43.7452, 0.4206, 0.3230



43.7452, 0.3120, 0.4356



43.7452, 0.2112, 0.2365

Complementary

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



43.7452, 0.4206, 0.3230



84.3753, 0.2567, 0.3356

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.



43.7452, 0.2000, 0.2666



43.7452, 0.4206, 0.3230



43.7452, 0.2541, 0.3868

Square

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



43.7452, 0.4206, 0.3230



43.7452, 0.3732, 0.4438



43.7452, 0.2144, 0.3207



43.7452, 0.2467, 0.2307

Rectangle

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



43.7452, 0.4206, 0.3230



43.7452, 0.4311, 0.4026



43.7452, 0.2144, 0.3207



43.7452, 0.2047, 0.2437

Sweetspot

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



43.7395, 0.4206, 0.3230



78.7867, 0.3353, 0.3272



47.3600, 0.3115, 0.2209



16.1741, 0.3399, 0.3269



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.



43.7395, 0.4206, 0.3230



36.8804, 0.4564, 0.3221



61.2914, 0.4038, 0.3788



18.0032, 0.3286, 0.3277



11.1318, 0.6346, 0.3269



1.0893, 0.6217, 0.3198

Inverse Universe

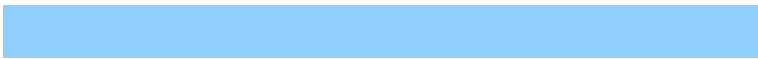
The Inverse Universe completely reimagines the original color for something new.



43.7395, 0.4206, 0.3230



36.8804, 0.4564, 0.3221



58.0211, 0.2444, 0.2721



18.0032, 0.3286, 0.3277



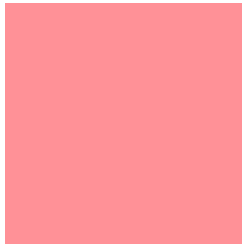
11.1318, 0.6346, 0.3269



1.0893, 0.6217, 0.3198

Previews

White Background



This preview shows how the Yxy color 43.7452, 0.4206, 0.3230 looks on a white background.

Color Contrast Check

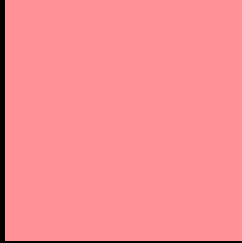
Large Text (above 18pt) WCAG AA × Fail

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 43.7452, 0.4206, 0.3230 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 43.7452, 0.4206, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 43.7452, 0.4206, 0.3230.



This preview shows how white text looks on a background with the Yxy color 43.7452, 0.4206, 0.3230.

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

43.7452, 0.4206, 0.3230

Protanopia

43.9080, 0.3264, 0.3410

Deuteranopia

43.8352, 0.3663, 0.3583



Tritanopia

43.8774, 0.4162, 0.3188

Trichromacy



Original Color

43.7452, 0.4206, 0.3230



Protanomaly

43.0388, 0.3585, 0.3341



Deuteranomaly

43.3158, 0.3861, 0.3447



Tritanomaly

43.8439, 0.4173, 0.3199

Monochromacy



Original Color

43.7452, 0.4206, 0.3230



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.7674, 0.3486, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7452, 0.4206, 0.3230 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 151) }
```

Border

The CSS property to change the border of an element to Yxy 43.7452, 0.4206, 0.3230 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, 151) }
```

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

```
.border{ border-color:rgb(255, 145, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7452, 0.4206, 0.3230 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, 151) }
```

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

```
.background{ background-color: rgb(255,  
145, 151) }
```

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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