

Converting Colors

$Y_{xy}(43.4513, 0.4399, 0.3432)$

Have a look what the booklet for
Yxy(43.4513, 0.4399, 0.3432)
contains.

Yxy(43.5112, 0.4393, 0.3428)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.5112, 0.4393, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	FF9285
RGB	255, 146, 133
RGB Percent	100%, 57%, 52%
CMY	0.0000, 0.4275, 0.4783
CMYK	0.00, 0.43, 0.48, 0.00
HSL	6°, 100%, 76%
HSV	6°, 48%, 100%
XYZ	55.7598, 43.5112, 27.6578
YIQ	177.1090, 69.1370, 19.0650

Conversions

Conversions Part 2

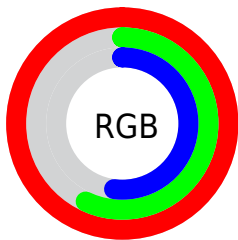
Format	Color
R_{YB}	255, 148, 133
Decimal	16749189
CIE _{Lab}	71.90, 39.68, 24.89
CIE _{LCh}	72, 46.844, 32.096
Yxy	43.5112, 0.4393, 0.3428
Android (android.graphics.Color)	4294939269 (0xFFFF9285)
YUV	177.1090, -21.7457, 68.3104
Hunter-Lab	65.9630, 35.4543, 21.3143

Details

The Yxy color **43.5112, 0.4393, 0.3428** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.7314, 0.2465, 0.3138**, and the grayscale version is **44.1136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5785, 0.3676, 0.3447**, and **20.0553, 0.4774, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **36.5488, 0.4814, 0.3448**, and if you desaturate by 10%, it is **52.0409, 0.4026, 0.3401**.

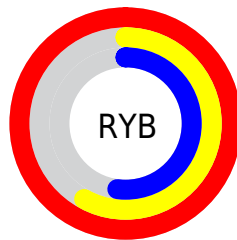
Distribution



Red (100%)

Green (57%)

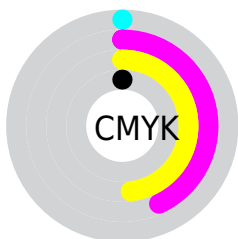
Blue (52%)



Red (100%)

Yellow (58%)

Blue (52%)

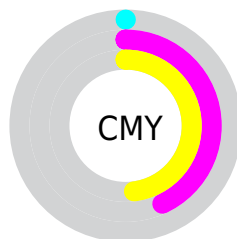


Cyan (0%)

Magenta (43%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5112, 0.4393, 0.3428 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 43.5112, 0.4393, 0.3428 by changing the saturation by 10% instead.


 43.5112, 0.4393,
0.3428


 43.5112, 0.4393,
0.3428


360.7099, 0.3748,
0.3389

 30.2864, 0.4555,
0.3427


 80.4817, 0.4157,
0.3421

 20.0561, 0.4761,
0.3421


 104.9962, 0.4069,
0.3417

 12.4358, 0.5033,
0.3401


 134.0428, 0.3995,
0.3412

 7.0412, 0.5401,
0.3354

168.0058, 0.3931,
0.3407

 3.4879, 0.5920,
0.3244

207.2696, 0.3876,
0.3402

 1.3914, 0.6910,
0.3090

252.2186, 0.3828,

 0.2104, 0.8522,

0.3398

0.1478

303.2372, 0.3785,
0.3393

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.5112, 0.4393,
0.3428

43.5112, 0.4393,
0.3428

36.5488, 0.4814,
0.3448

52.0409, 0.4026,
0.3401

31.0635, 0.5268,
0.3455

62.2320, 0.3718,
0.3371

26.9463, 0.5707,
0.3443

74.1639, 0.3466,
0.3340

24.0759, 0.6068,
0.3410

87.9129, 0.3260,
0.3311

■ 22.3077, 0.6297,
0.3362

100.0000, 0.3127,
0.3290

■ 22.0490, 0.6333,
0.3354

Harmonies

Analogous

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



43.5112, 0.3965, 0.2941



43.5112, 0.4393, 0.3428



43.5112, 0.4424, 0.3932

Triad

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



43.5112, 0.4393, 0.3428



43.5112, 0.2855, 0.4250



43.5112, 0.2187, 0.2270

Complementary

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



43.5112, 0.4393, 0.3428



75.7314, 0.2465, 0.3138

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.



43.5112, 0.1967, 0.2474



43.5112, 0.4393, 0.3428



43.5112, 0.2313, 0.3615

Square

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



43.5112, 0.4393, 0.3428



43.5112, 0.3503, 0.4519



43.5112, 0.2006, 0.2941



43.5112, 0.2652, 0.2305

Rectangle

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



43.5112, 0.4393, 0.3428



43.5112, 0.4230, 0.4231



43.5112, 0.2006, 0.2941



43.5112, 0.2085, 0.2310

Sweetspot

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



43.5092, 0.4393, 0.3428



79.2168, 0.3382, 0.3329



44.5005, 0.3288, 0.2225



16.3399, 0.3428, 0.3335



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.



43.5092, 0.4393, 0.3428



37.0717, 0.4777, 0.3447



67.1975, 0.4062, 0.4038



18.2977, 0.3292, 0.3316



11.6210, 0.6317, 0.3366



1.2288, 0.6164, 0.3488

Inverse Universe

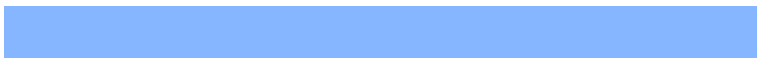
The Inverse Universe completely reimagines the original color for something new.



75.7314, 0.2465, 0.3138



72.5660, 0.2373, 0.3105



45.5881, 0.2325, 0.2386



20.1320, 0.2980, 0.3264



32.8668, 0.2153, 0.2951



3.2908, 0.2165, 0.2993

Previews

White Background



This preview shows how the Yxy color 43.5112, 0.4393, 0.3428 looks on a white background.

Color Contrast Check

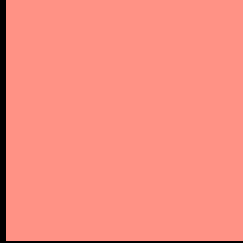
Large Text (above 18pt) WCAG AA × Fail

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 43.5112, 0.4393, 0.3428 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 43.5112, 0.4393, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 43.5112, 0.4393, 0.3428.



This preview shows how white text looks on a background with the Yxy color 43.5112, 0.4393, 0.3428.

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

43.5112, 0.4393, 0.3428

Protanopia

43.5964, 0.3464, 0.3679

Deuteranopia

43.5162, 0.3872, 0.3791



Tritanopia

43.5396, 0.4178, 0.3188

Trichromacy



Original Color

43.5112, 0.4393, 0.3428



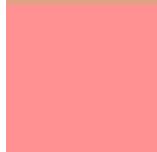
Protanomaly

42.7121, 0.3787, 0.3578



Deuteranomaly

43.2702, 0.4068, 0.3656



Tritanomaly

43.5861, 0.4260, 0.3283

Monochromacy



Original Color

43.5112, 0.4393, 0.3428



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

42.8248, 0.3544, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5112, 0.4393, 0.3428 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 133) }
```

Border

The CSS property to change the border of an element to Yxy 43.5112, 0.4393, 0.3428 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, 133) }
```

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

```
.border{ border-color:rgb(255, 146, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5112, 0.4393, 0.3428 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, 133) }
```

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

```
.background{ background-color: rgb(255,  
146, 133) }
```

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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