

Converting Colors

$Y_{xy}(45.1739, 0.4197, 0.3275)$

Have a look what the booklet for
Yxy(45.1739, 0.4197, 0.3275)
contains.

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Color

Yxy(44.9893, 0.4187, 0.3272)

Conversions

Conversions Part 1

Format	Color
Hex	FF9597
RGB	255, 149, 151
RGB Percent	100%, 58%, 59%
CMY	0.0001, 0.4156, 0.4077
CMYK	0.00, 0.42, 0.41, 0.00
HSL	359°, 100%, 79%
HSV	359°, 42%, 100%
XYZ	57.5704, 44.9893, 34.9382
YIQ	180.9220, 62.5340, 23.0940

Conversions

Conversions Part 2

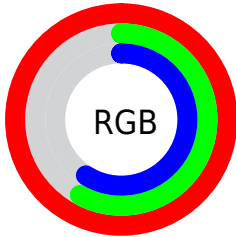
Format	Color
R _Y B	255, 149, 151
Decimal	16749975
CIE Lab	72.88, 39.92, 16.33
CIE LCh	73, 43.133, 22.242
Yxy	44.9893, 0.4187, 0.3272
Android (android.graphics.Color)	4294940055 (0xFFFF9597)
YUV	180.9220, -14.7515, 64.9664
Hunter-Lab	67.0741, 35.8288, 16.0683

Details

The Yxy color **44.9893, 0.4187, 0.3272** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.9901, 0.2566, 0.3311**, and the grayscale version is **46.2228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8535, 0.3519, 0.3281**, and **20.8879, 0.4499, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **37.0578, 0.4600, 0.3269**, and if you desaturate by 10%, it is **54.8637, 0.3840, 0.3276**.

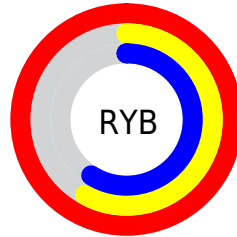
Distribution



Red (100%)

Green (58%)

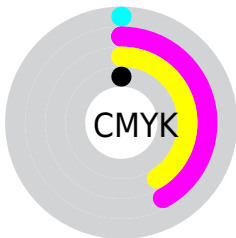
Blue (59%)



Red (100%)

Yellow (58%)

Blue (59%)

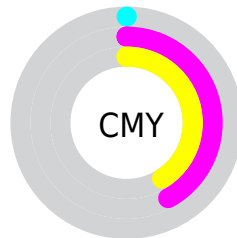


Cyan (0%)

Magenta (42%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (42%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9893, 0.4187, 0.3272 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 44.9893, 0.4187, 0.3272 by changing the saturation by 10% instead.


 44.9893, 0.4187,
0.3272

 44.9893, 0.4187,
0.3272


366.7302, 0.3649,
0.3299

 31.4490, 0.4322,
0.3259


 82.7044, 0.3990,
0.3286

 20.9410, 0.4496,
0.3240


 107.6479, 0.3917,
0.3290

 13.0809, 0.4727,
0.3209


137.1613, 0.3855,
0.3293

 7.4843, 0.5045,
0.3154

171.6290, 0.3802,
0.3295

 3.7668, 0.5508,
0.3053

211.4353, 0.3756,
0.3297

 1.5440, 0.6335,
0.2894

256.9647, 0.3715,

 0.3194, 0.8096,

0.3298

0.1904

308.6015, 0.3680,
0.3299

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.9893, 0.4187,
0.3272

44.9893, 0.4187,
0.3272

37.0578, 0.4600,
0.3269

54.8637, 0.3840,
0.3276

30.9351, 0.5067,
0.3269

66.7902, 0.3558,
0.3281

26.4806, 0.5545,
0.3271

80.8780, 0.3332,
0.3285

23.5303, 0.5969,
0.3278

97.2264, 0.3152,
0.3289

■ 21.8869, 0.6262,
0.3287

99.9968, 0.3127,
0.3290

■ 21.2674, 0.6387,
0.3292

Harmonies

Analogous

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



44.9893, 0.3705, 0.2838



44.9893, 0.4187, 0.3272



44.9893, 0.4344, 0.3742

Triad

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



44.9893, 0.4187, 0.3272



44.9893, 0.3076, 0.4281



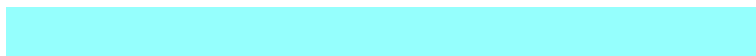
44.9893, 0.2169, 0.2389

Complementary

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



44.9893, 0.4187, 0.3272



84.9901, 0.2566, 0.3311

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.



44.9893, 0.2042, 0.2662



44.9893, 0.4187, 0.3272



44.9893, 0.2529, 0.3794

Square

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



44.9893, 0.4187, 0.3272



44.9893, 0.3667, 0.4397



44.9893, 0.2163, 0.3166



44.9893, 0.2530, 0.2349

Rectangle

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



44.9893, 0.4187, 0.3272



44.9893, 0.4243, 0.4034



44.9893, 0.2163, 0.3166



44.9893, 0.2100, 0.2453

Sweetspot

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



44.9916, 0.4187, 0.3272



80.2218, 0.3341, 0.3285



49.3115, 0.3146, 0.2256



16.7525, 0.3368, 0.3284



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.



44.9916, 0.4187, 0.3272



38.1778, 0.4532, 0.3270



64.0290, 0.3980, 0.3805



17.9927, 0.3292, 0.3286



11.1168, 0.6382, 0.3289



1.0843, 0.6336, 0.3264

Inverse Universe

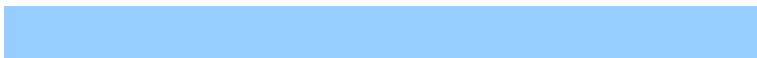
The Inverse Universe completely reimagines the original color for something new.



44.9916, 0.4187, 0.3272



38.1778, 0.4532, 0.3270



57.5271, 0.2462, 0.2703



17.9927, 0.3292, 0.3286



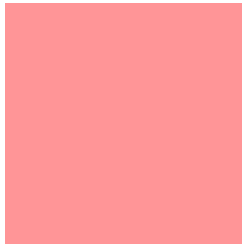
11.1168, 0.6382, 0.3289



1.0843, 0.6336, 0.3264

Previews

White Background



This preview shows how the Yxy color 44.9893, 0.4187, 0.3272 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 44.9893, 0.4187, 0.3272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

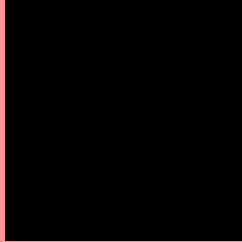
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9893, 0.4187, 0.3272

Background



This preview shows how black text looks on a background with the Yxy color 44.9893, 0.4187, 0.3272.



This preview shows how white text looks on a background with the Yxy color 44.9893, 0.4187, 0.3272.

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

44.9893, 0.4187, 0.3272

Protanopia

45.4325, 0.3295, 0.3461

Deuteranopia

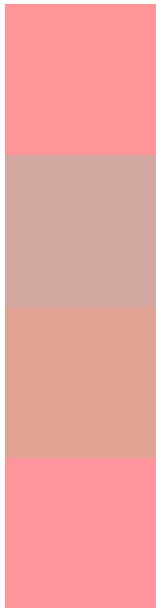
45.0215, 0.3685, 0.3604



Tritanopia

44.9430, 0.4107, 0.3177

Trichromacy



Original Color

44.9893, 0.4187, 0.3272

Protanomaly

44.4274, 0.3596, 0.3378

Deuteranomaly

44.6966, 0.3869, 0.3481

Tritanomaly

44.8401, 0.4139, 0.3209

Monochromacy



Original Color

44.9893, 0.4187, 0.3272

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.6881, 0.3482, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9893, 0.4187, 0.3272 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, 149, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 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, 149, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 151) }
```

Border

The CSS property to change the border of an element to Yxy 44.9893, 0.4187, 0.3272 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, 149, 151) }
```

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

```
.border{ border-color:rgb(255, 149, 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, 149, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9893, 0.4187, 0.3272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 151) }
```

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

```
.background{ background-color: rgb(255,  
149, 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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