

Converting Colors

$Y_{xy}(44.1955, 0.4124, 0.3281)$

Have a look what the booklet for
Yxy(44.1955, 0.4124, 0.3281)
contains.

Yxy(44.1868, 0.4127, 0.3282)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.1868, 0.4127, 0.3282)

Conversions

Conversions Part 1

Format	Color
Hex	F99697
RGB	249, 150, 151
RGB Percent	98%, 59%, 59%
CMY	0.0235, 0.4118, 0.4078
CMYK	0.00, 0.40, 0.39, 0.02
HSL	359°, 89%, 78%
HSV	359°, 40%, 98%
XYZ	55.5634, 44.1868, 34.8836
YIQ	179.7150, 58.6830, 21.2990

Conversions

Conversions Part 2

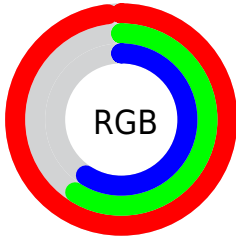
Format	Color
R_{YB}	249, 150, 151
Decimal	16357015
CIE _{Lab}	72.35, 37.24, 15.48
CIE _{LCh}	72, 40.331, 22.573
Yxy	44.1868, 0.4127, 0.3282
Android (android.graphics.Color)	4294547095 (0xFFFF99697)
YUV	179.7150, -14.1565, 60.7629
Hunter-Lab	66.4732, 32.8760, 15.4172

Details

The Yxy color **44.1868, 0.4127, 0.3282** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.0203, 0.2582, 0.3300**, and the grayscale version is **45.5363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3304, 0.3517, 0.3291**, and **20.4166, 0.4431, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **36.3497, 0.4532, 0.3281**, and if you desaturate by 10%, it is **53.8840, 0.3790, 0.3284**.

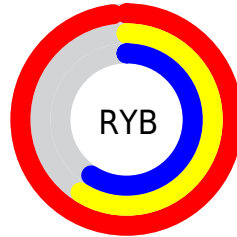
Distribution



Red (98%)

Green (59%)

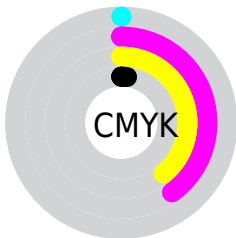
Blue (59%)



Red (98%)

Yellow (59%)

Blue (59%)

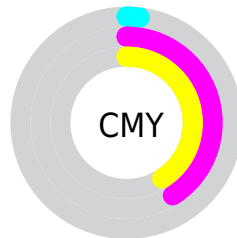


Cyan (0%)

Magenta (40%)

Yellow (39%)

Black (2%)



Cyan (2%)


Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1868, 0.4127, 0.3282 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 44.1868, 0.4127, 0.3282 by changing the saturation by 10% instead.


 44.1868, 0.4127,
0.3282


 44.1868, 0.4127,
0.3282

363.4700, 0.3618,
0.3303

 30.8174, 0.4256,
0.3272


 81.4988, 0.3940,
0.3293

 20.4598, 0.4422,
0.3255


 106.2101, 0.3871,
0.3296

 12.7297, 0.4643,
0.3228

135.4709, 0.3812,
0.3299

 7.2427, 0.4950,
0.3180

169.6655, 0.3762,
0.3300

 3.6143, 0.5400,
0.3089

209.1783, 0.3718,
0.3301

 1.4603, 0.6228,
0.2950

254.3937, 0.3681,

 0.2605, 0.8213,

0.3302

0.1787

305.6962, 0.3647,
0.3302

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.1868, 0.4127,
0.3282

44.1868, 0.4127,
0.3282

36.3497, 0.4532,
0.3281

53.8840, 0.3790,
0.3284

30.2478, 0.4993,
0.3281

65.5428, 0.3516,
0.3286

25.7511, 0.5475,
0.3283

79.2651, 0.3298,
0.3288

22.7089, 0.5913,
0.3287

95.1439, 0.3123,
0.3290

■ 20.9414, 0.6231,
0.3292

■ 98.8821, 0.3090,
0.3290

■ 20.1618, 0.6390,
0.3296

■ 20.1477, 0.6393,
0.3296

Harmonies

Analogous

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



44.1868, 0.3678, 0.2868



44.1868, 0.4127, 0.3282



44.1868, 0.4273, 0.3728

Triad

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



44.1868, 0.4127, 0.3282



44.1868, 0.3077, 0.4213



44.1868, 0.2223, 0.2437

Complementary

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



44.1868, 0.4127, 0.3282



81.0203, 0.2582, 0.3300

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.



44.1868, 0.2099, 0.2696



44.1868, 0.4127, 0.3282



44.1868, 0.2559, 0.3756

Square

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



44.1868, 0.4127, 0.3282



44.1868, 0.3635, 0.4331



44.1868, 0.2213, 0.3171



44.1868, 0.2569, 0.2398

Rectangle

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



44.1868, 0.4127, 0.3282



44.1868, 0.4178, 0.4003



44.1868, 0.2213, 0.3171



44.1868, 0.2156, 0.2498

Sweetspot

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



44.1890, 0.4127, 0.3282



80.2072, 0.3343, 0.3288



48.4926, 0.3159, 0.2304



16.7491, 0.3370, 0.3287



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.



44.1890, 0.4127, 0.3282



39.6429, 0.4458, 0.3281



62.6661, 0.3925, 0.3799



17.2281, 0.3293, 0.3288



10.7847, 0.6390, 0.3294



0.9998, 0.6364, 0.3279

Inverse Universe

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



44.1890, 0.4127, 0.3282



39.6429, 0.4458, 0.3281



55.1701, 0.2488, 0.2713



17.2281, 0.3293, 0.3288



10.7847, 0.6390, 0.3294



0.9998, 0.6364, 0.3279

Previews

White Background



This preview shows how the Yxy color 44.1868, 0.4127, 0.3282 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 44.1868, 0.4127, 0.3282 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 44.1868, 0.4127, 0.3282

Background



This preview shows how black text looks on a background with the Yxy color 44.1868, 0.4127, 0.3282.



This preview shows how white text looks on a background with the Yxy color 44.1868, 0.4127, 0.3282.

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

44.1868, 0.4127, 0.3282

Protanopia

44.3512, 0.3289, 0.3450

Deuteranopia

44.3542, 0.3669, 0.3594



Tritanopia

44.3570, 0.4045, 0.3175

Trichromacy



Original Color

44.1868, 0.4127, 0.3282

Protanomaly

43.5854, 0.3580, 0.3379

Deuteranomaly

43.8621, 0.3844, 0.3471

Tritanomaly

44.2532, 0.4077, 0.3207

Monochromacy



Original Color

44.1868, 0.4127, 0.3282

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.2196, 0.3463, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1868, 0.4127, 0.3282 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(249, 150, 151)` looks like.

```
.text, #text, p{  
    color:rgb(249, 150, 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(249, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 150, 151) }
```

Border

The CSS property to change the border of an element to Yxy 44.1868, 0.4127, 0.3282 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(249, 150, 151) }
```

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

```
.border{ border-color:rgb(249, 150, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 150, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 150, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 150, 151);  
box-shadow:4px 4px 4px 4px rgb(249, 150,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1868, 0.4127, 0.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 150, 151) }
```

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

```
.background{ background-color: rgb(249,  
150, 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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