

Converting Colors

$Yxy(39.6314, 0.4198, 0.3273)$

Have a look what the booklet for
Yxy(39.6314, 0.4198, 0.3273)
contains.

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Color

Yxy(39.5864, 0.4204, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	F28C8E
RGB	242, 140, 142
RGB Percent	95%, 55%, 56%
CMY	0.0510, 0.4509, 0.4431
CMYK	0.00, 0.42, 0.41, 0.05
HSL	359°, 80%, 75%
HSV	359°, 42%, 95%
XYZ	50.8778, 39.5864, 30.5581
YIQ	170.7260, 60.1500, 22.2460

Conversions

Conversions Part 2

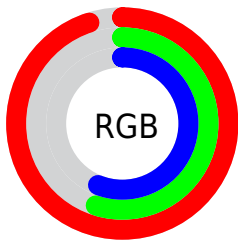
Format	Color
R _Y B	242, 140, 142
Decimal	15895694
CIE Lab	69.17, 38.85, 15.91
CIE LCh	69, 41.978, 22.269
Yxy	39.5864, 0.4204, 0.3271
Android (android.graphics.Color)	4294085774 (0xFFFF28C8E)
YUV	170.7260, -14.1619, 62.5073
Hunter-Lab	62.9177, 34.2362, 15.2462

Details

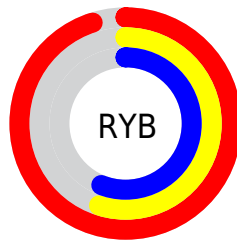
The Yxy color **39.5864, 0.4204, 0.3271** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.3662, 0.2562, 0.3312**, and the grayscale version is **40.6319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2757, 0.3610, 0.3281**, and **17.8194, 0.4535, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **32.6380, 0.4619, 0.3268**, and if you desaturate by 10%, it is **48.2452, 0.3855, 0.3275**.

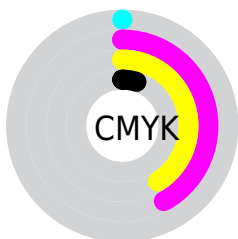
Distribution



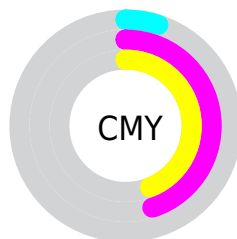
- Red (95%)
- Green (55%)
- Blue (56%)



- Red (95%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (42%)
- Yellow (41%)
- Black (5%)




- Cyan (5%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5864, 0.4204, 0.3271 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 39.5864, 0.4204, 0.3271 by changing the saturation by 10% instead.

 39.5864, 0.4204,
0.3271


 39.5864, 0.4204,
0.3271


344.3772, 0.3646,
0.3300


 27.2162, 0.4348,
0.3257


 74.5333, 0.3997,
0.3286

 17.7357, 0.4536,
0.3236


 97.8788, 0.3921,
0.3290

 10.7604, 0.4788,
0.3200


 125.6515, 0.3856,
0.3294

 5.9059, 0.5144,
0.3136

158.2358, 0.3802,
0.3296

 2.7880, 0.5673,
0.3011

196.0162, 0.3755,
0.3297

 1.0221, 0.7042,
0.2958

239.3769, 0.3714,


 0.0000, 1.0000,

0.3298


0.0000

288.7025, 0.3678,
0.3299


 0.0000, 0.0000,
0.0000


 39.5864, 0.4204,
0.3271


 39.5864, 0.4204,
0.3271


 32.6380, 0.4619,
0.3268


 48.2452, 0.3855,
0.3275

 27.2815, 0.5085,
0.3268


 58.7111, 0.3571,
0.3280


 23.3924, 0.5561,
0.3270

 71.0805, 0.3343,
0.3285

 20.8254, 0.5980,
0.3277

 85.4412, 0.3161,
0.3289

 19.4056, 0.6268,
0.3287

 97.6159, 0.3047,
0.3290

 18.8864, 0.6386,
0.3292

Harmonies

Analogous

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



39.5864, 0.3714, 0.2832



39.5864, 0.4204, 0.3271



39.5864, 0.4362, 0.3747

Triad

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



39.5864, 0.4204, 0.3271



39.5864, 0.3074, 0.4298



39.5864, 0.2156, 0.2376

Complementary

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



39.5864, 0.4204, 0.3271



75.3662, 0.2562, 0.3312

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.



39.5864, 0.2027, 0.2652



39.5864, 0.4204, 0.3271



39.5864, 0.2519, 0.3801

Square

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



39.5864, 0.4204, 0.3271



39.5864, 0.3674, 0.4414



39.5864, 0.2149, 0.3163



39.5864, 0.2521, 0.2336

Rectangle

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



39.5864, 0.4204, 0.3271



39.5864, 0.4259, 0.4044



39.5864, 0.2149, 0.3163



39.5864, 0.2086, 0.2441

Sweetspot

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



39.5884, 0.4204, 0.3271



78.7239, 0.3361, 0.3284



43.4492, 0.3146, 0.2246



16.1589, 0.3408, 0.3283



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.



39.5884, 0.4204, 0.3271



37.4603, 0.4575, 0.3268



56.5660, 0.3992, 0.3811



15.7639, 0.3290, 0.3286



10.1489, 0.6380, 0.3288



0.8461, 0.6325, 0.3258

Inverse Universe

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



39.5884, 0.4204, 0.3271



37.4603, 0.4575, 0.3268



50.7486, 0.2454, 0.2695



15.7639, 0.3290, 0.3286



10.1489, 0.6380, 0.3288



0.8461, 0.6325, 0.3258

Previews

White Background



This preview shows how the Yxy color 39.5864, 0.4204, 0.3271 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 39.5864, 0.4204, 0.3271 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 39.5864, 0.4204, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 39.5864, 0.4204, 0.3271.



This preview shows how white text looks on a background with the Yxy color 39.5864, 0.4204, 0.3271.

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

39.5864, 0.4204, 0.3271

Protanopia

39.9242, 0.3287, 0.3457

Deuteranopia

39.7651, 0.3684, 0.3621



Tritanopia

39.6899, 0.4140, 0.3183

Trichromacy



Original Color

39.5864, 0.4204, 0.3271



Protanomaly

38.8628, 0.3594, 0.3370



Deuteranomaly

39.4529, 0.3878, 0.3491



Tritanomaly

39.5952, 0.4174, 0.3216

Monochromacy



Original Color

39.5864, 0.4204, 0.3271



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

39.5500, 0.3490, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5864, 0.4204, 0.3271 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(242, 140, 142)` looks like.

```
.text, #text, p{  
    color:rgb(242, 140, 142)  
}
```

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(242, 140, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 140, 142) }
```

Border

The CSS property to change the border of an element to Yxy 39.5864, 0.4204, 0.3271 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(242, 140, 142) }
```

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

```
.border{ border-color:rgb(242, 140, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 140, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 140, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 140, 142);  
box-shadow:4px 4px 4px 4px rgb(242, 140,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5864, 0.4204, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 140, 142) }
```

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

```
.background{ background-color: rgb(242,  
140, 142) }
```

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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