

Converting Colors

$Y_{xy}(89.2129, 0.3224, 0.3274)$

Have a look what the booklet for
Yxy(89.2129, 0.3224, 0.3274)
contains.

Yxy(89.3439, 0.3221, 0.3271)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(89.3439, 0.3221, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFF1
RGB	255, 239, 241
RGB Percent	100%, 94%, 95%
CMY	0.0001, 0.0627, 0.0549
CMYK	0.00, 0.06, 0.05, 0.00
HSL	353°, 100%, 97%
HSV	353°, 6%, 100%
XYZ	87.9782, 89.3439, 95.8173
YIQ	244.0120, 8.8940, 4.0140

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 239, 241
Decimal	16773105
CIE _{Lab}	95.72, 5.72, 0.97
CIE _{LCh}	96, 5.797, 9.638
Yxy	89.3439, 0.3221, 0.3271
Android (android.graphics.Color)	4294963185 (0xFFFEFF1)
YUV	244.0120, -1.4849, 9.6365
Hunter-Lab	94.5219, 0.7292, 6.0628

Details

The Yxy color **89.3439, 0.3221, 0.3271** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96.9569, 0.3041, 0.3309**, and the grayscale version is **90.4846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3755, 0.3239, 0.3266** is the 20% darker color. If you saturate the color by 10%, you get **74.2005, 0.3400, 0.3239**, and if you desaturate by 10%, it is **99.9975, 0.3127, 0.3290**.

Distribution



Red (100%)

Green (94%)

Blue (95%)



Red (100%)

Yellow (94%)

Blue (95%)



Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.3439, 0.3221, 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 89.3439, 0.3221, 0.3271 by changing the saturation by 10% instead.


 89.3439, 0.3221,
0.3271

 89.3439, 0.3221,
0.3271

525.8943, 0.3179,
0.3280

 67.4366, 0.3230,
0.3269


146.4267, 0.3207,
0.3274

 49.4395, 0.3242,
0.3267


182.3710, 0.3201,
0.3275

 34.9683, 0.3256,
0.3264

223.7631, 0.3196,
0.3276

 23.6384, 0.3273,
0.3260

270.9874, 0.3192,
0.3277

 15.0656, 0.3297,
0.3255

324.4282, 0.3188,
0.3278

 8.8655, 0.3330,
0.3248

384.4701, 0.3185,

 4.6535, 0.3379,

0.3279

0.3237

451.4973, 0.3182,
0.3279

■ 2.0454, 0.3459,
0.3219

■ 0.6337, 0.3714,
0.3172

■ 89.3439, 0.3221,
0.3271

■ 89.3439, 0.3221,
0.3271

■ 74.2005, 0.3400,
0.3239

99.9975, 0.3127,
0.3290

■ 61.2295, 0.3624,
0.3205

■ 50.3348, 0.3899,
0.3172

■ 41.4082, 0.4235,
0.3141

■ 34.3322, 0.4628,
0.3118

■ 28.9763, 0.5067,
0.3110

■ 25.1934, 0.5513,
0.3121

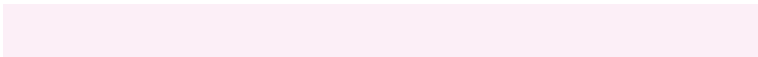
■ 22.8114, 0.5910,
0.3156

■ 21.6168, 0.6198,
0.3212

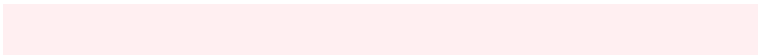
Harmonies

Analogous

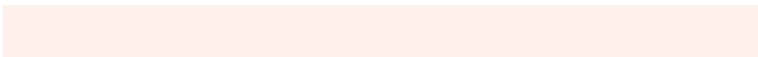
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.3439, 0.3164, 0.3219



89.3439, 0.3221, 0.3271



89.3439, 0.3252, 0.3328

Triad

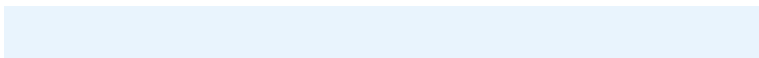
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.3439, 0.3221, 0.3271



89.3439, 0.3155, 0.3397



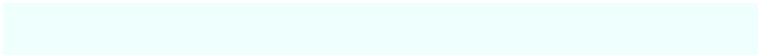
89.3439, 0.3006, 0.3203

Complementary

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



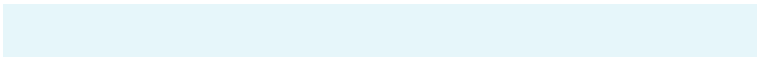
89.3439, 0.3221, 0.3271



96.9569, 0.3041, 0.3309

Split Complementary

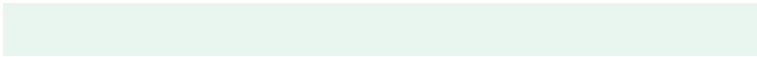
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.3439, 0.3004, 0.3250



89.3439, 0.3221, 0.3271



89.3439, 0.3089, 0.3363

Square

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



89.3439, 0.3221, 0.3271



89.3439, 0.3214, 0.3402



89.3439, 0.3034, 0.3309



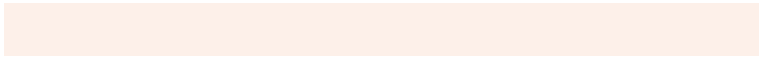
89.3439, 0.3041, 0.3180

Rectangle

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



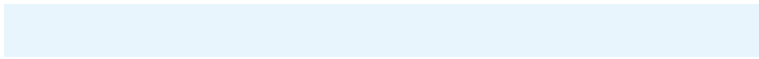
89.3439, 0.3221, 0.3271



89.3439, 0.3254, 0.3362



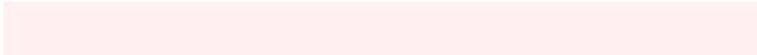
89.3439, 0.3034, 0.3309



89.3439, 0.3002, 0.3216

Sweetspot

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



89.3478, 0.3221, 0.3271



96.5046, 0.3156, 0.3284



89.8150, 0.3120, 0.3136



20.6926, 0.3154, 0.3284



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

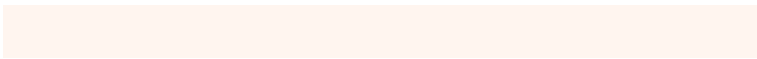
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.3478, 0.3221, 0.3271



86.5696, 0.3249, 0.3266



92.7161, 0.3229, 0.3347



18.0236, 0.3275, 0.3261



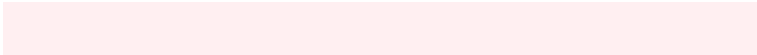
11.1734, 0.6249, 0.3216



1.0989, 0.6005, 0.3082

Inverse Universe

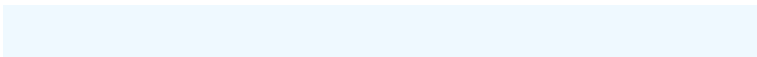
The Inverse Universe completely reimagines the original color for something new.



89.3478, 0.3221, 0.3271



86.5696, 0.3249, 0.3266



93.4034, 0.3030, 0.3232



18.0236, 0.3275, 0.3261



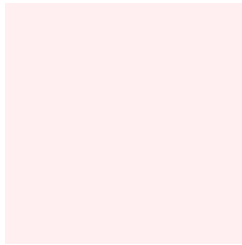
11.1734, 0.6249, 0.3216



1.0989, 0.6005, 0.3082

Previews

White Background



This preview shows how the Yxy color 89.3439, 0.3221, 0.3271 looks on a white background.

Color Contrast Check

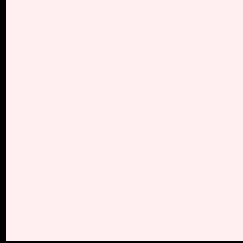
Large Text (above 18pt) WCAG AA × Fail

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 89.3439, 0.3221, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

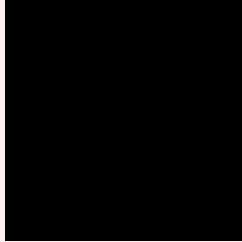
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

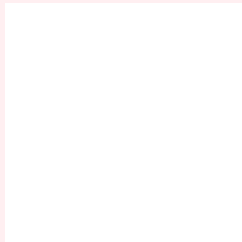
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.3439, 0.3221, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 89.3439, 0.3221, 0.3271.

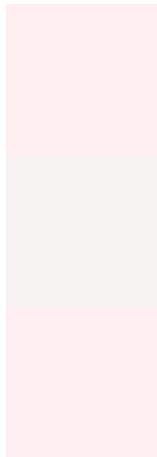


This preview shows how white text looks on a background with the Yxy color 89.3439, 0.3221, 0.3271.

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

89.3439, 0.3221, 0.3271

Protanopia

89.6892, 0.3160, 0.3290

Deuteranopia

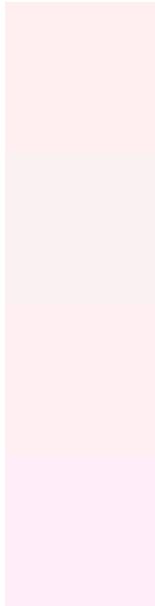
89.4038, 0.3215, 0.3261



Tritanopia

89.5648, 0.3141, 0.3136

Trichromacy



Original Color

89.3439, 0.3221, 0.3271

Protanomaly

89.6454, 0.3180, 0.3280

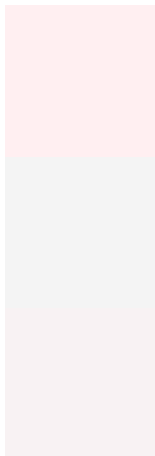
Deuteranomaly

89.4038, 0.3215, 0.3261

Tritanomaly

89.2486, 0.3172, 0.3184

Monochromacy



Original Color

89.3439, 0.3221, 0.3271

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

89.9318, 0.3160, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.3439, 0.3221, 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(255, 239, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 241)  
}
```

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, 239, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 241) }
```

Border

The CSS property to change the border of an element to Yxy 89.3439, 0.3221, 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(255, 239, 241) }
```

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

```
.border{ border-color:rgb(255, 239, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 89.3439, 0.3221, 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(255, 239, 241) }
```

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

```
.background{ background-color: rgb(255,  
239, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor