

Converting Colors

$Y_{xy}(88.8750, 0.3179, 0.3265)$

Have a look what the booklet for
Yxy(88.8750, 0.3179, 0.3265)
contains.

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Color

Yxy(89.0550, 0.3181, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FAF0F2
RGB	250, 240, 242
RGB Percent	98%, 94%, 95%
CMY	0.0196, 0.0588, 0.0511
CMYK	0.00, 0.04, 0.03, 0.02
HSL	348°, 50%, 96%
HSV	348°, 4%, 98%
XYZ	86.6047, 89.0550, 96.5965
YIQ	243.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

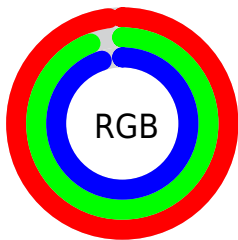
Format	Color
R _Y B	250, 240, 242
Decimal	16445682
CIE Lab	95.60, 3.69, 0.24
CIE LCh	96, 3.694, 3.796
Yxy	89.0550, 0.3181, 0.3271
Android (android.graphics.Color)	4294635762 (0xFFFAF0F2)
YUV	243.2180, -0.6005, 5.9478
Hunter-Lab	94.3690, -1.3319, 5.3688

Details

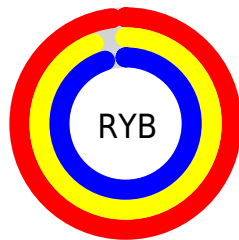
The Yxy color 89.0550, 0.3181, 0.3271 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.6756, 0.3076, 0.3309, and the grayscale version is 89.8123, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.2955, 0.3196, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 74.1957, 0.3338, 0.3221, and if you desaturate by 10%, it is 99.0630, 0.3096, 0.3290.

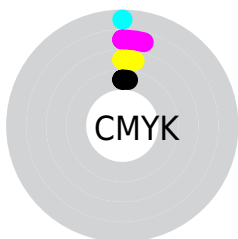
Distribution



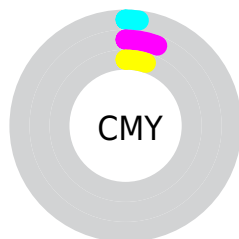
- Red (98%)
- Green (94%)
- Blue (95%)



- Red (98%)
- Yellow (94%)
- Blue (95%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (2%)





- Cyan (2%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.0550, 0.3181, 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 89.0550, 0.3181, 0.3271 by changing the saturation by 10% instead.


 89.0550, 0.3181,
0.3271

 89.0550, 0.3181,
0.3271


524.9520, 0.3157,
0.3280

 67.1971, 0.3186,
0.3269


146.0250, 0.3173,
0.3274

 49.2448, 0.3193,
0.3267


181.9060, 0.3170,
0.3275

 34.8137, 0.3201,
0.3264


223.2302, 0.3167,
0.3276

 23.5194, 0.3211,
0.3260

270.3818, 0.3164,
0.3277

 14.9775, 0.3225,
0.3255

323.7455, 0.3162,
0.3278

 8.8036, 0.3244,
0.3248

383.7054, 0.3160,

 4.6133, 0.3272,

0.3278

0.3238

450.6462, 0.3159,
0.3279

■ 2.0222, 0.3317,
0.3222

■ 0.6203, 0.3470,
0.3168

■ 89.0550, 0.3181,
0.3271

■ 89.0550, 0.3181,
0.3271

■ 74.1957, 0.3338,
0.3221

■ 99.0630, 0.3096,
0.3290

■ 61.4066, 0.3532,
0.3168

■ 50.5990, 0.3772,
0.3115

■ 41.6734, 0.4064,
0.3064

■ 34.5215, 0.4410,
0.3021

■ 29.0241, 0.4804,
0.2996

■ 25.0472, 0.5224,
0.2996

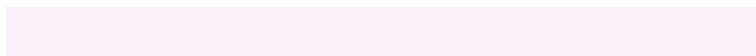
■ 22.4356, 0.5629,
0.3031

■ 21.0007, 0.5968,
0.3100

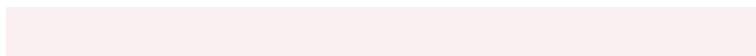
Harmonies

Analogous

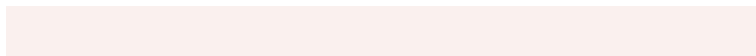
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0550, 0.3143, 0.3239



89.0550, 0.3181, 0.3271



89.0550, 0.3205, 0.3308

Triad

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



89.0550, 0.3181, 0.3271



89.0550, 0.3153, 0.3360



89.0550, 0.3048, 0.3239

Complementary

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



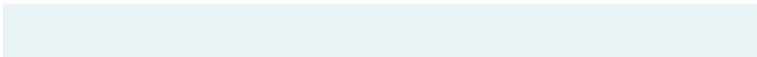
89.0550, 0.3181, 0.3271



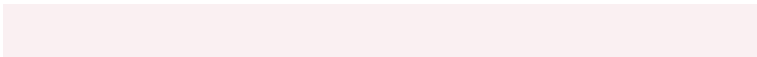
93.6756, 0.3076, 0.3309

Split Complementary

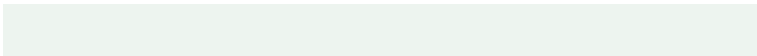
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.0550, 0.3051, 0.3272



89.0550, 0.3181, 0.3271



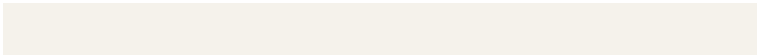
89.0550, 0.3111, 0.3342

Square

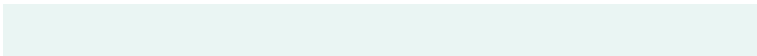
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.0550, 0.3181, 0.3271



89.0550, 0.3188, 0.3360



89.0550, 0.3074, 0.3309



89.0550, 0.3066, 0.3221

Rectangle

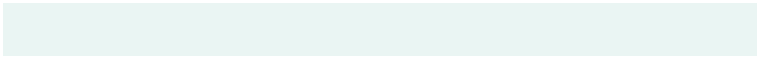
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



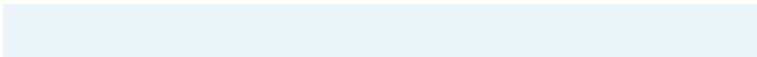
89.0550, 0.3181, 0.3271



89.0550, 0.3209, 0.3331



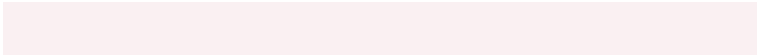
89.0550, 0.3074, 0.3309



89.0550, 0.3046, 0.3249

Sweetspot

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



89.0589, 0.3181, 0.3271



98.2523, 0.3140, 0.3285



89.1854, 0.3119, 0.3192



21.0485, 0.3140, 0.3286



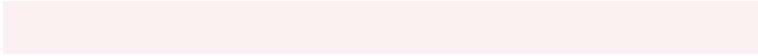
0.0000, 0.0000, 0.0000



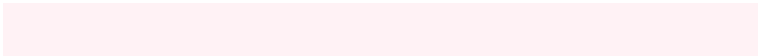
21.4041, 0.3127, 0.3290

Same Dimension

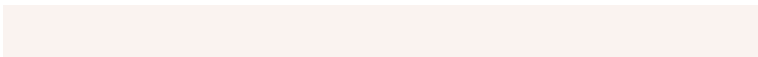
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0589, 0.3181, 0.3271



91.4898, 0.3195, 0.3266



90.7204, 0.3191, 0.3320



18.5145, 0.3205, 0.3263



10.9129, 0.6091, 0.3129



1.0249, 0.5779, 0.2957

Inverse Universe

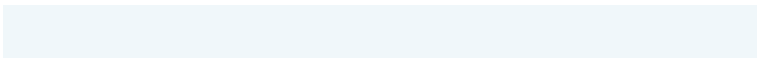
The Inverse Universe completely reimagines the original color for something new.



89.0589, 0.3181, 0.3271



91.4898, 0.3195, 0.3266



91.9508, 0.3065, 0.3260



18.5145, 0.3205, 0.3263



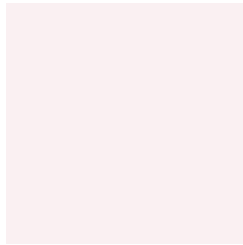
10.9129, 0.6091, 0.3129



1.0249, 0.5779, 0.2957

Previews

White Background



This preview shows how the Yxy color 89.0550, 0.3181, 0.3271 looks on a white background.

Color Contrast Check

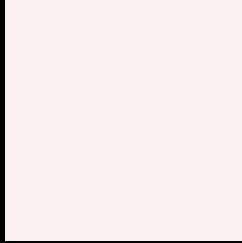
Large Text (above 18pt) WCAG AA × Fail

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 89.0550, 0.3181, 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

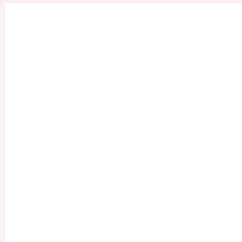
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.0550, 0.3181, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 89.0550, 0.3181, 0.3271.

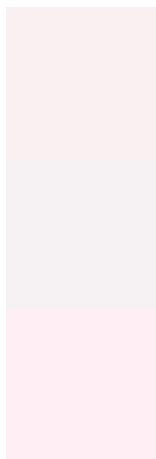


This preview shows how white text looks on a background with the Yxy color 89.0550, 0.3181, 0.3271.

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

89.0550, 0.3181, 0.3271

Protanopia

88.9745, 0.3148, 0.3270

Deuteranopia

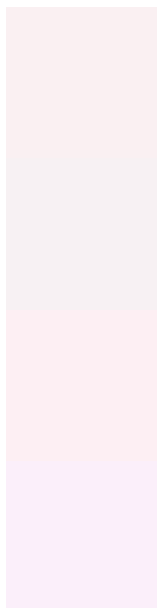
88.8801, 0.3209, 0.3242



Tritanopia

88.8783, 0.3109, 0.3125

Trichromacy



Original Color

89.0550, 0.3181, 0.3271

Protanomaly

89.1558, 0.3154, 0.3270

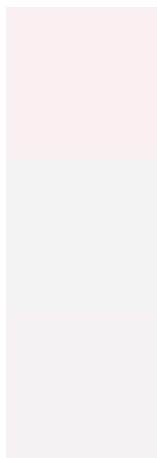
Deuteranomaly

89.0867, 0.3195, 0.3251

Tritanomaly

89.1444, 0.3139, 0.3183

Monochromacy



Original Color

89.0550, 0.3181, 0.3271

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.5682, 0.3147, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0550, 0.3181, 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(250, 240, 242)` looks like.

```
.text, #text, p{  
    color:rgb(250, 240, 242)  
}
```

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(250, 240, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 240, 242) }
```

Border

The CSS property to change the border of an element to Yxy 89.0550, 0.3181, 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(250, 240, 242) }
```

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

```
.border{ border-color:rgb(250, 240, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 240, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 240, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 240, 242);  
box-shadow:4px 4px 4px 4px rgb(250, 240,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0550, 0.3181, 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(250, 240, 242) }
```

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

```
.background{ background-color: rgb(250,  
240, 242) }
```

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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