

Converting Colors

$Yxy(89.8632, 0.3151, 0.3203)$

Have a look what the booklet for
Yxy(89.8632, 0.3151, 0.3203)
contains.

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Color

Yxy(89.8552, 0.3151, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	FCF0F9
RGB	252, 240, 249
RGB Percent	99%, 94%, 98%
CMY	0.0118, 0.0588, 0.0236
CMYK	0.00, 0.05, 0.01, 0.01
HSL	315°, 67%, 96%
HSV	315°, 5%, 99%
XYZ	88.3964, 89.8552, 102.2829
YIQ	244.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

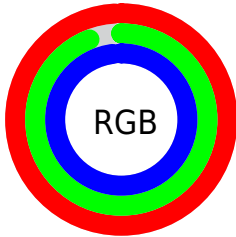
Format	Color
R _Y B	252, 240, 249
Decimal	16576761
CIE Lab	95.94, 5.57, -2.88
CIE LCh	96, 6.270, 332.655
Yxy	89.8552, 0.3151, 0.3203
Android (android.graphics.Color)	4294766841 (0xFFFCF0F9)
YUV	244.6140, 2.1623, 6.4775
Hunter-Lab	94.7920, 0.5707, 2.3790

Details

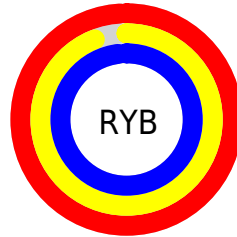
The Yxy color 89.8552, 0.3151, 0.3203 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.6136, 0.3104, 0.3379, and the grayscale version is 90.9644, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.7333, 0.3149, 0.3179 is the 20% darker color. If you saturate the color by 10%, you get 75.6481, 0.3208, 0.3014, and if you desaturate by 10%, it is 99.4332, 0.3109, 0.3290.

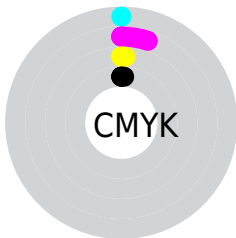
Distribution



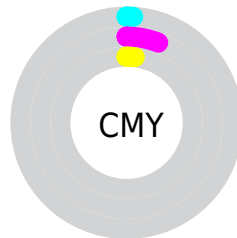
- Red (99%)
- Green (94%)
- Blue (98%)



- Red (99%)
- Yellow (94%)
- Blue (98%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (1%)





- Cyan (1%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.8552, 0.3151, 0.3203 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 89.8552, 0.3151, 0.3203 by changing the saturation by 10% instead.

 89.8552, 0.3151,
0.3203

 89.8552, 0.3151,
0.3203


527.5597, 0.3141,
0.3242

 67.8606, 0.3153,
0.3195


147.1372, 0.3147,
0.3216

 49.7843, 0.3156,
0.3184


183.1934, 0.3146,
0.3221

 35.2420, 0.3159,
0.3172


224.7056, 0.3145,
0.3226

 23.8494, 0.3164,
0.3156

272.0581, 0.3144,
0.3230

 15.2219, 0.3169,
0.3134

325.6354, 0.3143,
0.3233

 8.9753, 0.3177,
0.3105

385.8218, 0.3142,

 4.7251, 0.3188,

0.3236

0.3063

453.0018, 0.3141,
0.3239

■ 2.0869, 0.3206,
0.2995

■ 0.6572, 0.3258,
0.2815

■ 89.8552, 0.3151,
0.3203

■ 89.8552, 0.3151,
0.3203

■ 75.6481, 0.3208,
0.3014

■ 99.4332, 0.3109,
0.3290

■ 63.4262, 0.3273,
0.2819

■ 53.1029, 0.3349,
0.2624

■ 44.5810, 0.3434,
0.2437

■ 37.7543, 0.3527,
0.2268

■ 32.5058, 0.3627,
0.2127

■ 28.7032, 0.3731,
0.2024

■ 26.1929, 0.3835,
0.1967

■ 24.7859, 0.3935,
0.1959

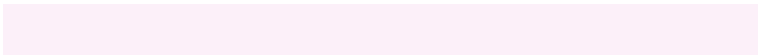
Harmonies

Analogous

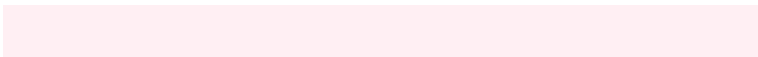
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.8552, 0.3080, 0.3173



89.8552, 0.3151, 0.3203



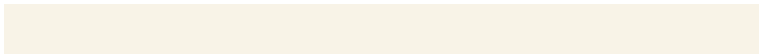
89.8552, 0.3216, 0.3255

Triad

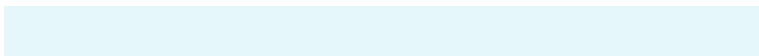
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.8552, 0.3151, 0.3203



89.8552, 0.3233, 0.3407



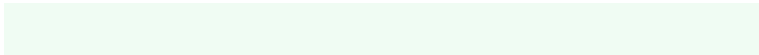
89.8552, 0.2999, 0.3261

Complementary

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



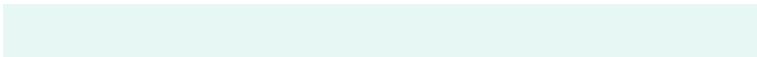
89.8552, 0.3151, 0.3203



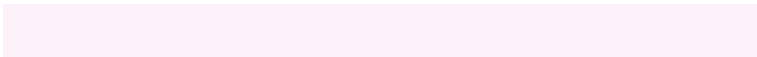
94.6136, 0.3104, 0.3379

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.



89.8552, 0.3039, 0.3325



89.8552, 0.3151, 0.3203



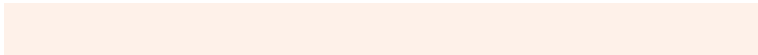
89.8552, 0.3173, 0.3410

Square

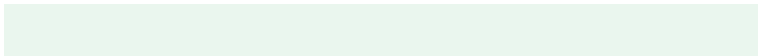
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



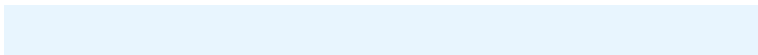
89.8552, 0.3151, 0.3203



89.8552, 0.3264, 0.3373



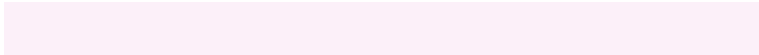
89.8552, 0.3102, 0.3380



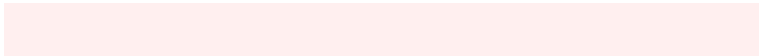
89.8552, 0.2993, 0.3206

Rectangle

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



89.8552, 0.3151, 0.3203



89.8552, 0.3247, 0.3296



89.8552, 0.3102, 0.3380



89.8552, 0.3009, 0.3282

Sweetspot

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



89.8591, 0.3151, 0.3203



98.3425, 0.3132, 0.3272



88.4116, 0.3074, 0.3172



21.0668, 0.3132, 0.3273



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

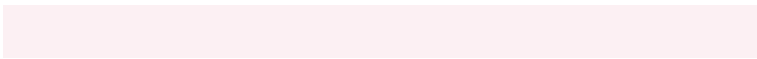
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.8591, 0.3151, 0.3203



90.3779, 0.3158, 0.3180



89.4928, 0.3188, 0.3261



18.3177, 0.3161, 0.3168



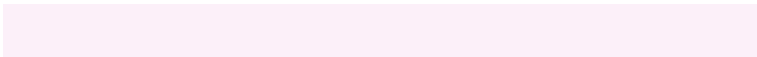
12.7087, 0.3971, 0.1961



1.1940, 0.3860, 0.1900

Inverse Universe

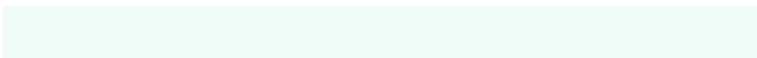
The Inverse Universe completely reimagines the original color for something new.



89.8591, 0.3151, 0.3203



90.3779, 0.3158, 0.3180



94.9799, 0.3070, 0.3319



18.3177, 0.3161, 0.3168



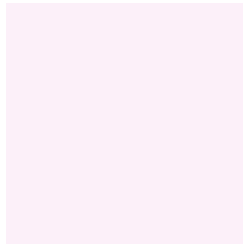
12.7087, 0.3971, 0.1961



1.1940, 0.3860, 0.1900

Previews

White Background



This preview shows how the Yxy color 89.8552, 0.3151, 0.3203 looks on a white background.

Color Contrast Check

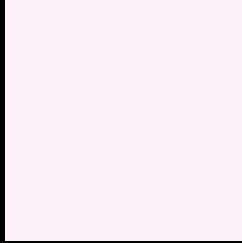
Large Text (above 18pt) WCAG AA × Fail

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 89.8552, 0.3151, 0.3203 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 89.8552, 0.3151, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 89.8552, 0.3151, 0.3203.

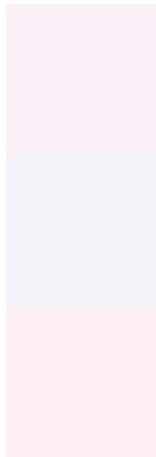


This preview shows how white text looks on a background with the Yxy color 89.8552, 0.3151, 0.3203.

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

89.8552, 0.3151, 0.3203

Protanopia

89.9992, 0.3105, 0.3211

Deuteranopia

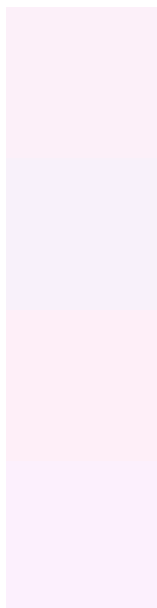
89.7084, 0.3184, 0.3213



Tritanopia

90.2356, 0.3114, 0.3145

Trichromacy



Original Color

89.8552, 0.3151, 0.3203

Protanomaly

89.7692, 0.3118, 0.3202

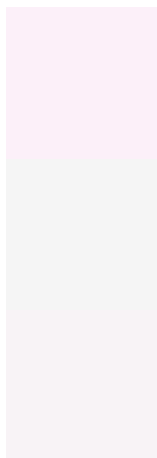
Deuteranomaly

89.5811, 0.3171, 0.3203

Tritanomaly

90.1075, 0.3127, 0.3164

Monochromacy



Original Color

89.8552, 0.3151, 0.3203

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

90.7115, 0.3142, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.8552, 0.3151, 0.3203 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(252, 240, 249)` looks like.

```
.text, #text, p{  
    color:rgb(252, 240, 249)  
}
```

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(252, 240, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 240, 249) }
```

Border

The CSS property to change the border of an element to Yxy 89.8552, 0.3151, 0.3203 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(252, 240, 249) }
```

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

```
.border{ border-color:rgb(252, 240, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 240, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 240, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 240, 249);  
box-shadow:4px 4px 4px 4px rgb(252, 240,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 89.8552, 0.3151, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 240, 249) }
```

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

```
.background{ background-color: rgb(252,  
240, 249) }
```

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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