

Converting Colors

$Yxy(89.3688, 0.3122, 0.3249)$

Have a look what the booklet for
Yxy(89.3688, 0.3122, 0.3249)
contains.

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Color

Yxy(89.5706, 0.3123, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	F5F2F6
RGB	245, 242, 246
RGB Percent	96%, 95%, 96%
CMY	0.0391, 0.0510, 0.0355
CMYK	0.00, 0.02, 0.00, 0.04
HSL	286°, 18%, 96%
HSV	286°, 2%, 96%
XYZ	86.0440, 89.5706, 99.9025
YIQ	243.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

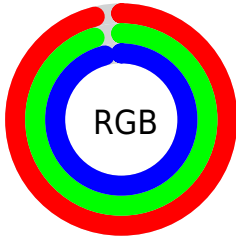
Format	Color
R_{YB}	245, 242, 246
Decimal	16118518
CIE _{Lab}	95.82, 1.71, -1.55
CIE _{LCh}	96, 2.310, 317.775
Yxy	89.5706, 0.3123, 0.3251
Android (android.graphics.Color)	4294308598 (0xFF5F2F6)
YUV	243.3530, 1.3050, 1.4444
Hunter-Lab	94.6417, -3.3390, 3.6635

Details

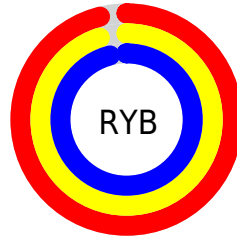
The Yxy color $89.5706, 0.3123, 0.3251$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $91.3345, 0.3131, 0.3329$, and the grayscale version is $89.9160, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $49.6543, 0.3121, 0.3240$ is the 20% darker color. If you saturate the color by 10%, you get $74.8873, 0.3094, 0.3000$, and if you desaturate by 10%, it is $98.6380, 0.3153, 0.3377$.

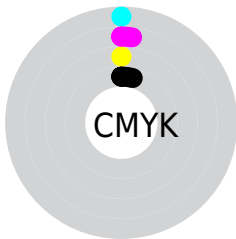
Distribution



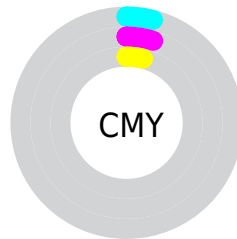
- Red (96%)
- Green (95%)
- Blue (96%)



- Red (96%)
- Yellow (95%)
- Blue (96%)



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





- Cyan (4%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.5706, 0.3123, 0.3251 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 89.5706, 0.3123, 0.3251 by changing the saturation by 10% instead.


 89.5706, 0.3123,
0.3251

 89.5706, 0.3123,
0.3251


526.6330, 0.3125,
0.3268

 67.6246, 0.3123,
0.3247


146.7418, 0.3124,
0.3257

 49.5924, 0.3122,
0.3243


182.7357, 0.3124,
0.3259

 35.0896, 0.3121,
0.3237


224.1811, 0.3124,
0.3261

 23.7319, 0.3121,
0.3229

271.4623, 0.3124,
0.3263

 15.1349, 0.3119,
0.3220

324.9637, 0.3125,
0.3265

 8.9141, 0.3118,
0.3206

385.0697, 0.3125,

 4.6852, 0.3115,

0.3266

0.3186

452.1647, 0.3125,
0.3267

■ 2.0638, 0.3112,
0.3154

■ 0.6441, 0.3102,
0.3056

■ 89.5706, 0.3123,
0.3251

■ 89.5706, 0.3123,
0.3251

■ 74.8873, 0.3094,
0.3000

■ 98.6380, 0.3153,
0.3377

■ 62.1228, 0.3058,
0.2736

■ 99.4309, 0.3180,
0.3377

■ 51.1972, 0.3016,
0.2467

■ 42.0211, 0.2968,
0.2200

■ 34.4970, 0.2914,
0.1947

■ 28.5181, 0.2854,
0.1717

■ 23.9645, 0.2792,
0.1523

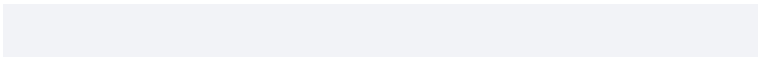
■ 20.6989, 0.2728,
0.1372

■ 18.5557, 0.2665,
0.1269

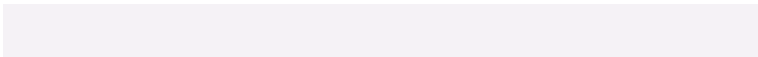
Harmonies

Analogous

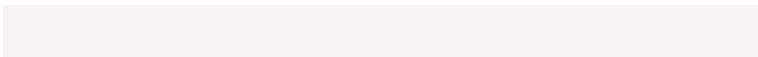
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5706, 0.3098, 0.3246



89.5706, 0.3123, 0.3251



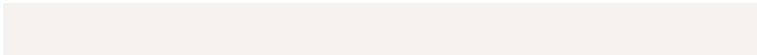
89.5706, 0.3149, 0.3267

Triad

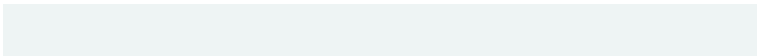
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.5706, 0.3123, 0.3251



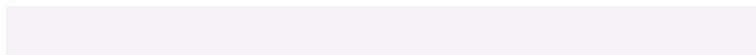
89.5706, 0.3173, 0.3328



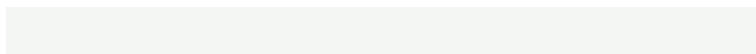
89.5706, 0.3086, 0.3291

Complementary

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



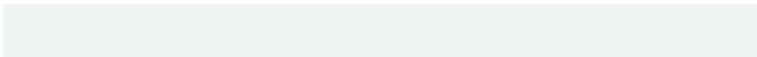
89.5706, 0.3123, 0.3251



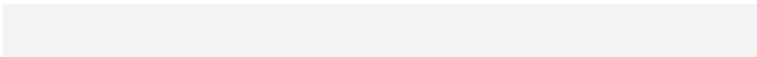
91.3345, 0.3131, 0.3329

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.



89.5706, 0.3106, 0.3314



89.5706, 0.3123, 0.3251



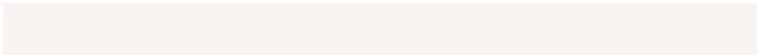
89.5706, 0.3156, 0.3335

Square

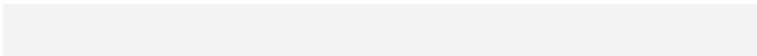
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.5706, 0.3123, 0.3251



89.5706, 0.3178, 0.3311



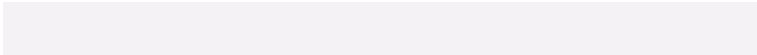
89.5706, 0.3131, 0.3330



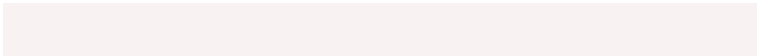
89.5706, 0.3077, 0.3269

Rectangle

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



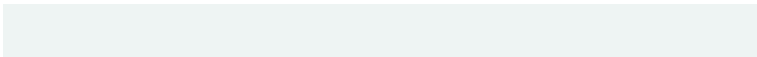
89.5706, 0.3123, 0.3251



89.5706, 0.3163, 0.3281



89.5706, 0.3131, 0.3330



89.5706, 0.3091, 0.3299

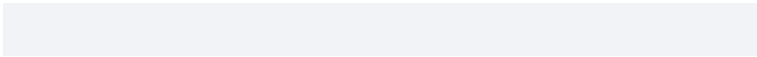
Sweetspot

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



89.5744, 0.3123, 0.3251

100.0000, 0.3127, 0.3290



89.6237, 0.3103, 0.3261



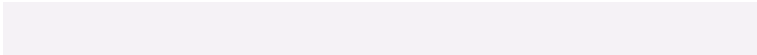
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

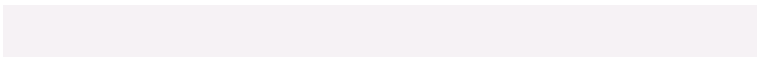
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.5744, 0.3123, 0.3251



96.5639, 0.3122, 0.3241



89.6803, 0.3135, 0.3261



18.9615, 0.3122, 0.3244



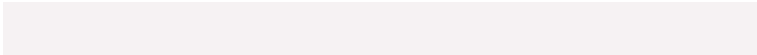
9.3624, 0.2624, 0.1219



0.8690, 0.2701, 0.1261

Inverse Universe

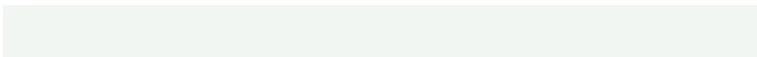
The Inverse Universe completely reimagines the original color for something new.



89.5564, 0.3147, 0.3281



96.5399, 0.3152, 0.3279



91.2304, 0.3119, 0.3319



18.9571, 0.3151, 0.3279



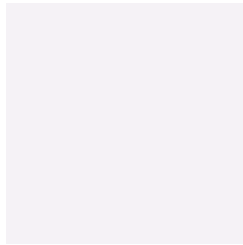
10.6358, 0.5982, 0.3069



0.9500, 0.5636, 0.2879

Previews

White Background



This preview shows how the Yxy color 89.5706, 0.3123, 0.3251 looks on a white background.

Color Contrast Check

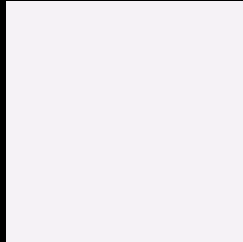
Large Text (above 18pt) WCAG AA × Fail

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 89.5706, 0.3123, 0.3251 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

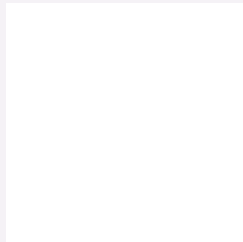
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.5706, 0.3123, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 89.5706, 0.3123, 0.3251.

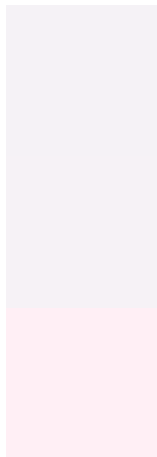


This preview shows how white text looks on a background with the Yxy color 89.5706, 0.3123, 0.3251.

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

89.5706, 0.3123, 0.3251

Protanopia

89.7509, 0.3129, 0.3251

Deuteranopia

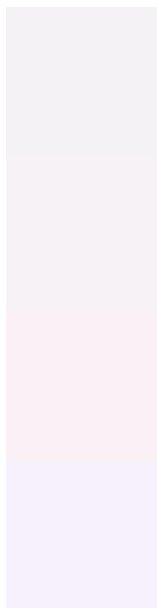
89.5856, 0.3196, 0.3232



Tritanopia

89.7234, 0.3075, 0.3153

Trichromacy



Original Color

89.5706, 0.3123, 0.3251

Protanomaly

89.7509, 0.3129, 0.3251

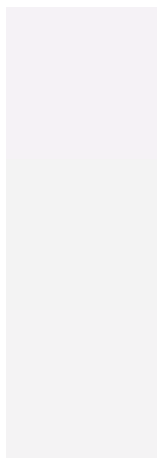
Deuteranomaly

89.4220, 0.3169, 0.3241

Tritanomaly

89.5317, 0.3093, 0.3182

Monochromacy



Original Color

89.5706, 0.3123, 0.3251

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.8659, 0.3128, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.5706, 0.3123, 0.3251 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 $rgb(245, 242, 246)$ looks like.

```
.text, #text, p{  
    color:rgb(245, 242, 246)  
}
```

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(245, 242, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 242, 246) }
```

Border

The CSS property to change the border of an element to Yxy 89.5706, 0.3123, 0.3251 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(245, 242, 246) }
```

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

```
.border{ border-color:rgb(245, 242, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 242, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 242, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 242, 246);  
box-shadow:4px 4px 4px 4px rgb(245, 242,  
246) }
```

Background

The CSS property to change the background color of an element to Yxy 89.5706, 0.3123, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 242, 246) }
```

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

```
.background{ background-color: rgb(245,  
242, 246) }
```

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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