

Converting Colors

$Yxy(90.2327, 0.3138, 0.3255)$

Have a look what the booklet for
Yxy(90.2327, 0.3138, 0.3255)
contains.

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Color

Yxy(89.9322, 0.3136, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	F7F2F6
RGB	247, 242, 246
RGB Percent	97%, 95%, 96%
CMY	0.0312, 0.0510, 0.0354
CMYK	0.00, 0.02, 0.00, 0.03
HSL	313°, 24%, 96%
HSV	313°, 2%, 97%
XYZ	86.7510, 89.9322, 99.9462
YIQ	243.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

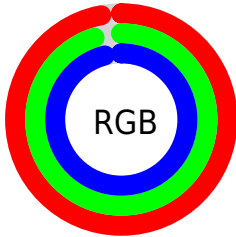
Format	Color
R_{YB}	247, 242, 246
Decimal	16249590
CIE Lab	95.97, 2.38, -1.32
CIE LCh	96, 2.726, 330.995
Yxy	89.9322, 0.3136, 0.3251
Android (android.graphics.Color)	4294439670 (0xFF7F2F6)
YUV	243.9510, 1.0102, 2.6740
Hunter-Lab	94.8326, -2.6688, 3.8958

Details

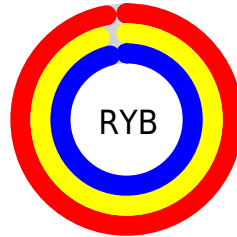
The Yxy color **89.9322, 0.3136, 0.3251** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91.9003, 0.3118, 0.3329**, and the grayscale version is **90.4218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.9119, 0.3138, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **75.8910, 0.3184, 0.3055**, and if you desaturate by 10%, it is **98.2823, 0.3100, 0.3326**.

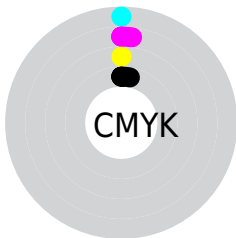
Distribution



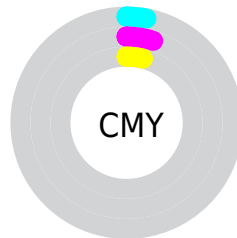
- Red (97%)
- Green (95%)
- Blue (96%)



- Red (97%)
- Yellow (95%)
- Blue (96%)



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



- Cyan (3%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.9322, 0.3136, 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 89.9322, 0.3136, 0.3251 by changing the saturation by 10% instead.

 89.9322, 0.3136,
0.3251

 89.9322, 0.3136,
0.3251


527.8103, 0.3132,
0.3268

 67.9244, 0.3137,
0.3247


147.2442, 0.3135,
0.3257

 49.8362, 0.3138,
0.3243


183.3172, 0.3134,
0.3259

 35.2833, 0.3139,
0.3237


224.8474, 0.3134,
0.3261

 23.8812, 0.3141,
0.3229

272.2192, 0.3133,
0.3263

 15.2455, 0.3143,
0.3220

325.8170, 0.3133,
0.3265

 8.9919, 0.3146,
0.3206

386.0252, 0.3133,

 4.7359, 0.3150,

0.3266

0.3187

453.2282, 0.3132,
0.3267

■ 2.0931, 0.3157,
0.3155

■ 0.6608, 0.3179,
0.3061

■ 89.9322, 0.3136,
0.3251

■ 89.9322, 0.3136,
0.3251

■ 75.8910, 0.3184,
0.3055

■ 98.2823, 0.3100,
0.3326

■ 63.7622, 0.3239,
0.2852

■ 98.5221, 0.3078,
0.3290

■ 53.4653, 0.3302,
0.2648

■ 44.9096, 0.3372,
0.2451

■ 37.9965, 0.3449,
0.2269

■ 32.6177, 0.3532,
0.2113

■ 28.6516, 0.3617,
0.1992

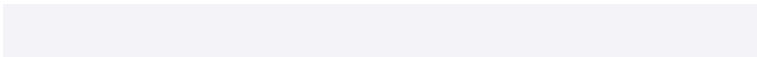
■ 25.9586, 0.3703,
0.1916

■ 24.3699, 0.3786,
0.1888

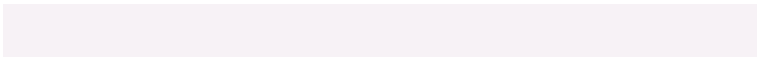
Harmonies

Analogous

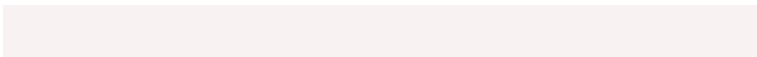
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9322, 0.3105, 0.3239



89.9322, 0.3136, 0.3251



89.9322, 0.3165, 0.3274

Triad

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



89.9322, 0.3136, 0.3251



89.9322, 0.3174, 0.3341



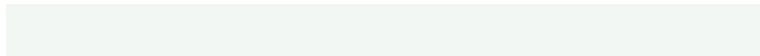
89.9322, 0.3072, 0.3279

Complementary

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



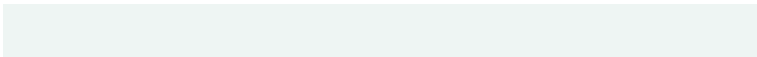
89.9322, 0.3136, 0.3251



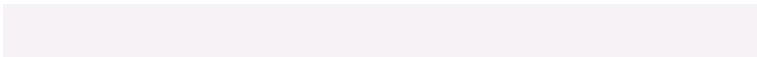
91.9003, 0.3118, 0.3329

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.



89.9322, 0.3090, 0.3307



89.9322, 0.3136, 0.3251



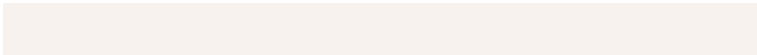
89.9322, 0.3149, 0.3342

Square

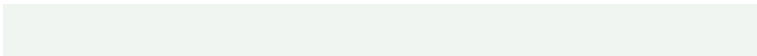
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.9322, 0.3136, 0.3251



89.9322, 0.3187, 0.3325



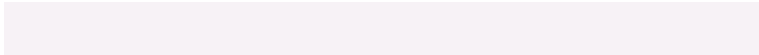
89.9322, 0.3118, 0.3330



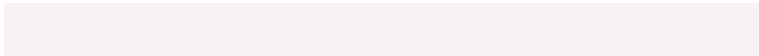
89.9322, 0.3068, 0.3255

Rectangle

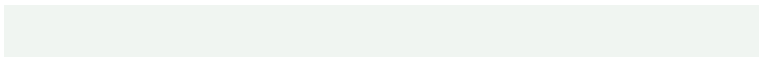
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.9322, 0.3136, 0.3251



89.9322, 0.3178, 0.3292



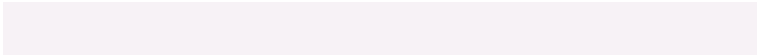
89.9322, 0.3118, 0.3330



89.9322, 0.3076, 0.3288

Sweetspot

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



89.9361, 0.3136, 0.3251



98.3488, 0.3131, 0.3271



89.2762, 0.3103, 0.3240



21.0681, 0.3131, 0.3272



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

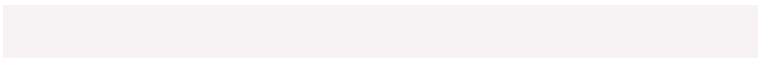
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.9361, 0.3136, 0.3251



96.7191, 0.3136, 0.3252



89.7863, 0.3151, 0.3275



18.9903, 0.3135, 0.3254



12.5456, 0.3836, 0.1887



1.1174, 0.3742, 0.1835

Inverse Universe

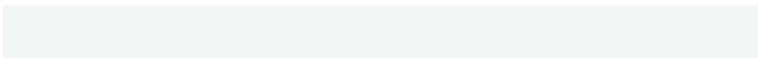
The Inverse Universe completely reimagines the original color for something new.



89.9361, 0.3136, 0.3251



96.7191, 0.3136, 0.3252



92.0497, 0.3104, 0.3305



18.9903, 0.3135, 0.3254



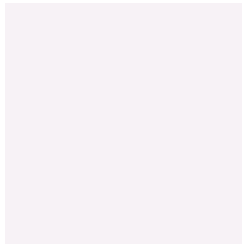
12.5456, 0.3836, 0.1887



1.1174, 0.3742, 0.1835

Previews

White Background



This preview shows how the Yxy color 89.9322, 0.3136, 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 89.9322, 0.3136, 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

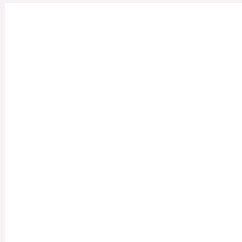
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.9322, 0.3136, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 89.9322, 0.3136, 0.3251.

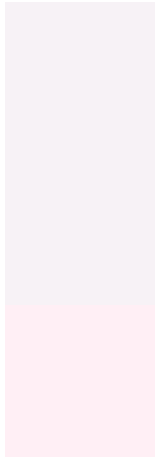


This preview shows how white text looks on a background with the Yxy color 89.9322, 0.3136, 0.3251.

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

89.9322, 0.3136, 0.3251

Protanopia

89.9322, 0.3136, 0.3251

Deuteranopia

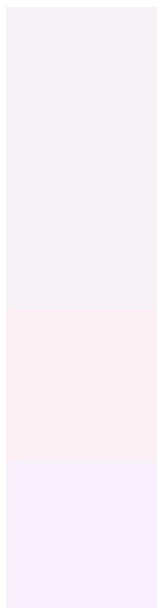
89.5856, 0.3196, 0.3232



Tritanopia

90.0871, 0.3088, 0.3154

Trichromacy



Original Color

89.9322, 0.3136, 0.3251

Protanomaly

89.9322, 0.3136, 0.3251

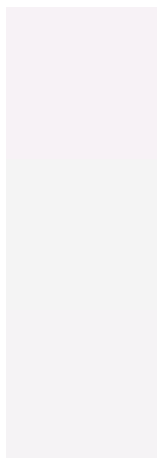
Deuteranomaly

89.6082, 0.3175, 0.3241

Tritanomaly

89.8953, 0.3106, 0.3183

Monochromacy



Original Color

89.9322, 0.3136, 0.3251

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.1062, 0.3128, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.9322, 0.3136, 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(247, 242, 246)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 242, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 242, 246) }
```

Border

The CSS property to change the border of an element to Yxy 89.9322, 0.3136, 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(247, 242, 246) }
```

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

```
.border{ border-color:rgb(247, 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(247, 242, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 242, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 242, 246);  
box-shadow:4px 4px 4px 4px rgb(247, 242,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 89.9322, 0.3136, 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(247, 242, 246) }
```

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

```
.background{ background-color: rgb(247,  
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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