

Converting Colors

$Y_{xy}(90.1774, 0.3105, 0.3191)$

Have a look what the booklet for
Yxy(90.1774, 0.3105, 0.3191)
contains.

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Color

Yxy(90.4890, 0.3106, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	F8F2FC
RGB	248, 242, 252
RGB Percent	97%, 95%, 99%
CMY	0.0273, 0.0510, 0.0116
CMYK	0.02, 0.04, 0.00, 0.01
HSL	276°, 63%, 97%
HSV	276°, 4%, 99%
XYZ	88.0510, 90.4890, 104.9468
YIQ	244.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

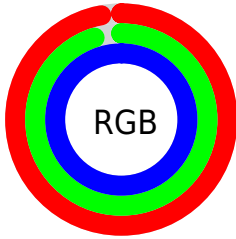
Format	Color
R _Y B	248, 242, 252
Decimal	16315132
CIE Lab	96.20, 3.80, -4.11
CIE LCh	96, 5.601, 312.740
Yxy	90.4890, 0.3106, 0.3192
Android (android.graphics.Color)	4294505212 (0xFF8F2FC)
YUV	244.9340, 3.4835, 2.6889
Hunter-Lab	95.1257, -1.2454, 1.1767

Details

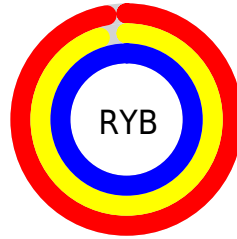
The Yxy color $90.4890, 0.3106, 0.3192$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $95.6390, 0.3148, 0.3388$, and the grayscale version is $91.2349, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $50.2644, 0.3108, 0.3178$ is the 20% darker color. If you saturate the color by 10%, you get $74.7322, 0.3046, 0.2933$, and if you desaturate by 10%, it is $99.8104, 0.3144, 0.3318$.

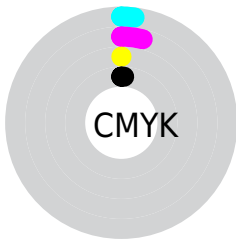
Distribution



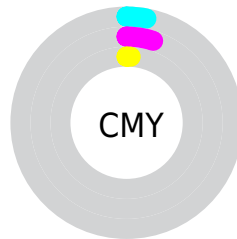
- Red (97%)
- Green (95%)
- Blue (99%)



- Red (97%)
- Yellow (95%)
- Blue (99%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)





- Cyan (3%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.4890, 0.3106, 0.3192 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 90.4890, 0.3106, 0.3192 by changing the saturation by 10% instead.


 90.4890, 0.3106,
0.3192

 90.4890, 0.3106,
0.3192


529.6203, 0.3116,
0.3235

 68.3863, 0.3104,
0.3183


148.0174, 0.3109,
0.3207

 50.2121, 0.3101,
0.3171


184.2120, 0.3111,
0.3213

 35.5819, 0.3098,
0.3157


225.8726, 0.3112,
0.3218

 24.1115, 0.3094,
0.3139

273.3836, 0.3113,
0.3222

 15.4163, 0.3088,
0.3115

327.1295, 0.3114,
0.3226

 9.1121, 0.3080,
0.3082

387.4947, 0.3114,

 4.8144, 0.3069,

0.3229

0.3034

454.8634, 0.3115,
0.3233

■ 2.1388, 0.3050,
0.2959

■ 0.6863, 0.3019,
0.2781

■ 90.4890, 0.3106,
0.3192

■ 90.4890, 0.3106,
0.3192

■ 74.7322, 0.3046,
0.2933

99.8104, 0.3144,
0.3318

■ 61.0507, 0.2976,
0.2658

■ 49.3572, 0.2894,
0.2372

■ 39.5535, 0.2803,
0.2085

■ 31.5326, 0.2703,
0.1808

■ 25.1768, 0.2596,
0.1554

■ 20.3537, 0.2488,
0.1336

■ 16.9099, 0.2381,
0.1166

■ 14.6581, 0.2280,
0.1048

Harmonies

Analogous

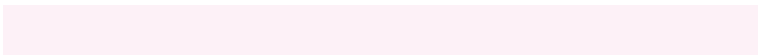
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4890, 0.3049, 0.3183



90.4890, 0.3106, 0.3192



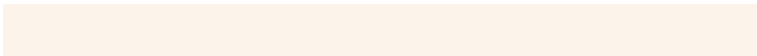
90.4890, 0.3169, 0.3226

Triad

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



90.4890, 0.3106, 0.3192



90.4890, 0.3243, 0.3377



90.4890, 0.3033, 0.3302

Complementary

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



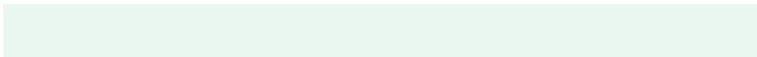
90.4890, 0.3106, 0.3192



95.6390, 0.3148, 0.3388

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.



90.4890, 0.3085, 0.3355



90.4890, 0.3106, 0.3192



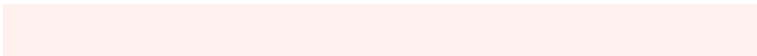
90.4890, 0.3206, 0.3399

Square

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



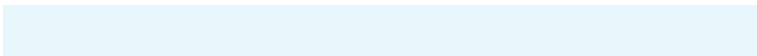
90.4890, 0.3106, 0.3192



90.4890, 0.3249, 0.3332



90.4890, 0.3148, 0.3391



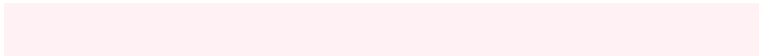
90.4890, 0.3007, 0.3246

Rectangle

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



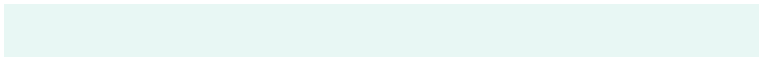
90.4890, 0.3106, 0.3192



90.4890, 0.3207, 0.3259



90.4890, 0.3148, 0.3391



90.4890, 0.3048, 0.3321

Sweetspot

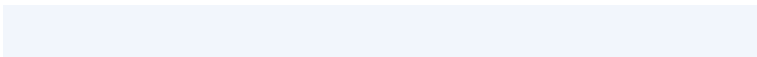
The Sweet Spot groups the original color and five complimentary colors.



90.4929, 0.3106, 0.3192



98.1926, 0.3122, 0.3266



91.8204, 0.3066, 0.3231



21.0363, 0.3122, 0.3267



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.



90.4929, 0.3106, 0.3192



91.1871, 0.3100, 0.3167



91.1653, 0.3138, 0.3203



18.4437, 0.3096, 0.3149



7.2311, 0.2238, 0.1007



0.7312, 0.2352, 0.1069

Inverse Universe

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



90.8504, 0.3169, 0.3251



91.6474, 0.3180, 0.3241



94.9871, 0.3117, 0.3379



18.5510, 0.3187, 0.3235



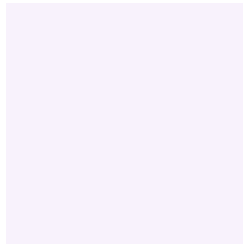
11.2859, 0.5396, 0.2746



1.0655, 0.5079, 0.2572

Previews

White Background



This preview shows how the Yxy color 90.4890, 0.3106, 0.3192 looks on a white background.

Color Contrast Check

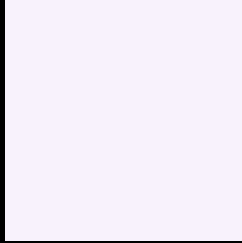
Large Text (above 18pt) WCAG AA × Fail

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 90.4890, 0.3106, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

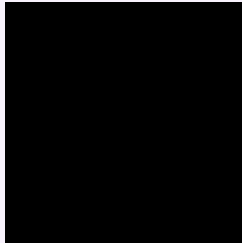
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

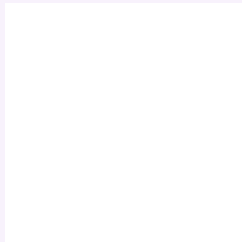
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.4890, 0.3106, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 90.4890, 0.3106, 0.3192.

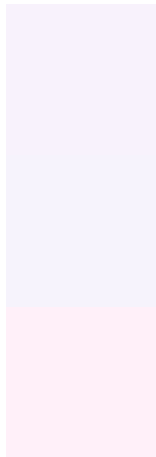


This preview shows how white text looks on a background with the Yxy color 90.4890, 0.3106, 0.3192.

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

90.4890, 0.3106, 0.3192

Protanopia

90.7223, 0.3093, 0.3202

Deuteranopia

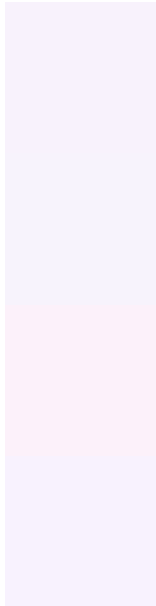
90.4197, 0.3171, 0.3203



Tritanopia

90.6807, 0.3088, 0.3164

Trichromacy



Original Color

90.4890, 0.3106, 0.3192

Protanomaly

90.9036, 0.3099, 0.3202

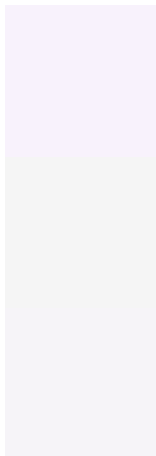
Deuteranomaly

90.5082, 0.3144, 0.3203

Tritanomaly

90.6165, 0.3094, 0.3173

Monochromacy



Original Color

90.4890, 0.3106, 0.3192

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.0715, 0.3116, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.4890, 0.3106, 0.3192 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(248, 242, 252)` looks like.

```
.text, #text, p{  
    color:rgb(248, 242, 252)  
}
```

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(248, 242, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 242, 252) }
```

Border

The CSS property to change the border of an element to Yxy 90.4890, 0.3106, 0.3192 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(248, 242, 252) }
```

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

```
.border{ border-color:rgb(248, 242, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 242, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 242, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 242, 252);  
box-shadow:4px 4px 4px 4px rgb(248, 242,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 90.4890, 0.3106, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 242, 252) }
```

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

```
.background{ background-color: rgb(248,  
242, 252) }
```

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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