

Converting Colors

$Yxy(90.6349, 0.3141, 0.3196)$

Have a look what the booklet for
Yxy(90.6349, 0.3141, 0.3196)
contains.

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Color

Yxy(90.5711, 0.3138, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	FCF1FB
RGB	252, 241, 251
RGB Percent	99%, 95%, 98%
CMY	0.0118, 0.0549, 0.0156
CMYK	0.00, 0.04, 0.00, 0.01
HSL	305°, 65%, 97%
HSV	305°, 4%, 99%
XYZ	89.0110, 90.5711, 104.0731
YIQ	245.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

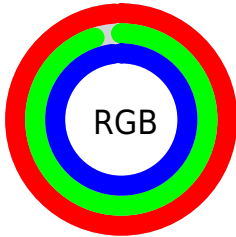
Format	Color
R_{YB}	252, 241, 251
Decimal	16577019
CIE _{Lab}	96.23, 5.42, -3.51
CIE _{LCh}	96, 6.454, 327.109
Yxy	90.5711, 0.3138, 0.3193
Android (android.graphics.Color)	4294767099 (0xFFFCF1FB)
YUV	245.4290, 2.7465, 5.7628
Hunter-Lab	95.1688, 0.4048, 1.7809

Details

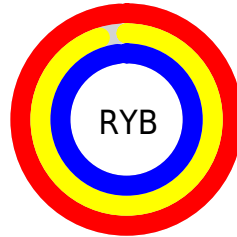
The Yxy color 90.5711, 0.3138, 0.3193 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.7236, 0.3116, 0.3389, and the grayscale version is 91.6514, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.2402, 0.3133, 0.3167 is the 20% darker color. If you saturate the color by 10%, you get 76.5347, 0.3165, 0.2964, and if you desaturate by 10%, it is 99.3198, 0.3119, 0.3307.

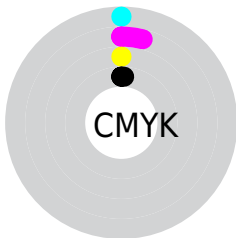
Distribution



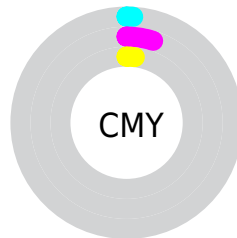
- Red (99%)
- Green (95%)
- Blue (98%)



- Red (99%)
- Yellow (95%)
- Blue (98%)



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





- Cyan (1%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.5711, 0.3138, 0.3193 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 90.5711, 0.3138, 0.3193 by changing the saturation by 10% instead.


 90.5711, 0.3138,
0.3193

 90.5711, 0.3138,
0.3193


529.8869, 0.3133,
0.3236

 68.4544, 0.3139,
0.3184


148.1314, 0.3136,
0.3208

 50.2675, 0.3140,
0.3172


184.3438, 0.3136,
0.3213

 35.6260, 0.3142,
0.3158


226.0236, 0.3135,
0.3218

 24.1455, 0.3143,
0.3140

273.5552, 0.3135,
0.3223

 15.4416, 0.3146,
0.3117

327.3229, 0.3134,
0.3227

 9.1299, 0.3149,
0.3085

387.7111, 0.3134,

 4.8260, 0.3153,

0.3230

455.1043, 0.3134,
0.3233

0.3038

2.1455, 0.3160,
0.2964

0.6900, 0.3185,
0.2788

90.5711, 0.3138,
0.3193

90.5711, 0.3138,
0.3193

76.5347, 0.3165,
0.2964

99.3198, 0.3119,
0.3307

64.4753, 0.3195,
0.2732

99.4328, 0.3109,
0.3290

54.3066, 0.3228,
0.2502

45.9319, 0.3263,
0.2284

■ 39.2456, 0.3299,
0.2088

■ 34.1312, 0.3335,
0.1923

■ 30.4573, 0.3370,
0.1798

■ 28.0715, 0.3402,
0.1717

■ 26.7867, 0.3432,
0.1680

Harmonies

Analogous

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



90.5711, 0.3066, 0.3168



90.5711, 0.3138, 0.3193



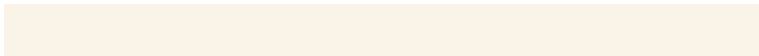
90.5711, 0.3208, 0.3243

Triad

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



90.5711, 0.3138, 0.3193



90.5711, 0.3244, 0.3406



90.5711, 0.3000, 0.3272

Complementary

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



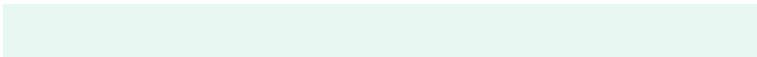
90.5711, 0.3138, 0.3193



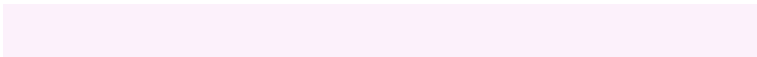
94.7236, 0.3116, 0.3389

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.



90.5711, 0.3047, 0.3337



90.5711, 0.3138, 0.3193



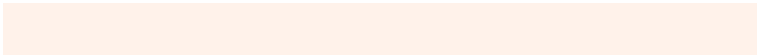
90.5711, 0.3187, 0.3415

Square

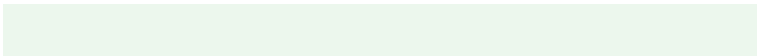
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



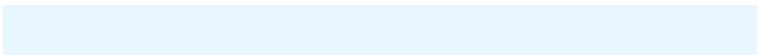
90.5711, 0.3138, 0.3193



90.5711, 0.3269, 0.3366



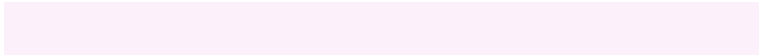
90.5711, 0.3115, 0.3390



90.5711, 0.2987, 0.3212

Rectangle

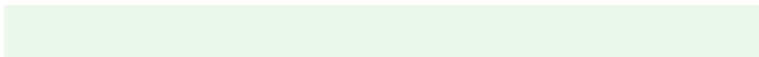
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



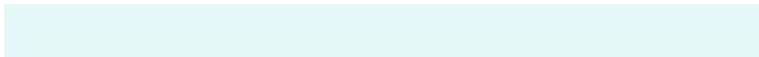
90.5711, 0.3138, 0.3193



90.5711, 0.3243, 0.3285



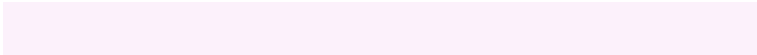
90.5711, 0.3115, 0.3390



90.5711, 0.3013, 0.3294

Sweetspot

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



90.5750, 0.3138, 0.3193



98.3693, 0.3130, 0.3268



88.8069, 0.3067, 0.3181



21.0723, 0.3129, 0.3269



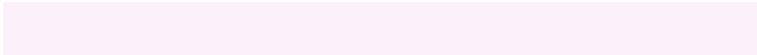
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

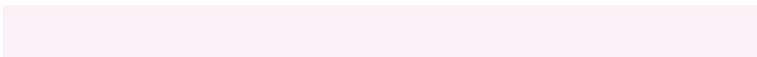
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.5750, 0.3138, 0.3193



92.0612, 0.3140, 0.3178



90.2369, 0.3171, 0.3246



18.6472, 0.3141, 0.3163



13.7631, 0.3444, 0.1671



1.2822, 0.3412, 0.1654

Inverse Universe

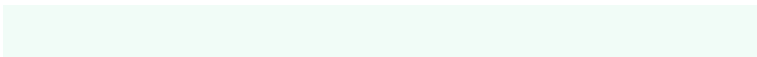
The Inverse Universe completely reimagines the original color for something new.



90.5750, 0.3138, 0.3193



92.0612, 0.3140, 0.3178



95.0553, 0.3085, 0.3335



18.6472, 0.3141, 0.3163



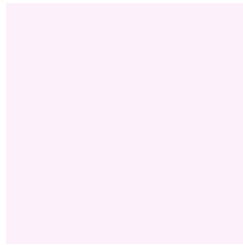
13.7631, 0.3444, 0.1671



1.2822, 0.3412, 0.1654

Previews

White Background



This preview shows how the Yxy color 90.5711, 0.3138, 0.3193 looks on a white background.

Color Contrast Check

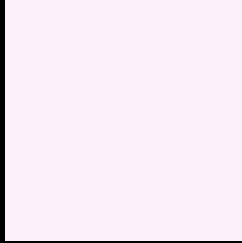
Large Text (above 18pt) WCAG AA × Fail

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 90.5711, 0.3138, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

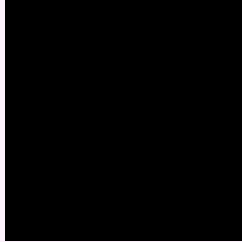
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.5711, 0.3138, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 90.5711, 0.3138, 0.3193.

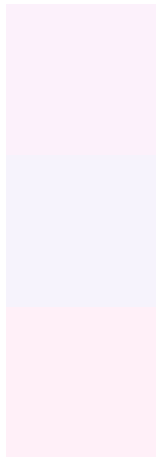


This preview shows how white text looks on a background with the Yxy color 90.5711, 0.3138, 0.3193.

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

90.5711, 0.3138, 0.3193

Protanopia

90.7223, 0.3093, 0.3202

Deuteranopia

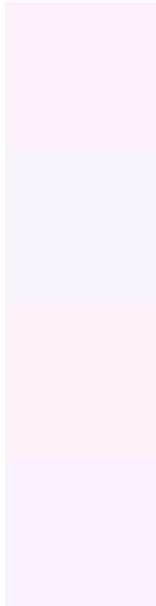
90.3575, 0.3177, 0.3213



Tritanopia

90.6398, 0.3108, 0.3155

Trichromacy



Original Color

90.5711, 0.3138, 0.3193

Protanomaly

90.4890, 0.3106, 0.3192

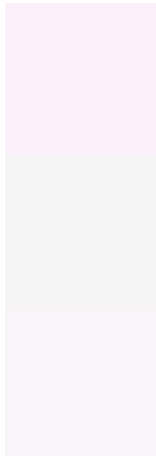
Deuteranomaly

90.2306, 0.3164, 0.3203

Tritanomaly

90.5756, 0.3114, 0.3164

Monochromacy



Original Color

90.5711, 0.3138, 0.3193

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.3732, 0.3135, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.5711, 0.3138, 0.3193 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, 241, 251)` looks like.

```
.text, #text, p{  
    color:rgb(252, 241, 251)  
}
```

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, 241, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 241, 251) }
```

Border

The CSS property to change the border of an element to Yxy 90.5711, 0.3138, 0.3193 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, 241, 251) }
```

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

```
.border{ border-color:rgb(252, 241, 251) }
```

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

Here you see how a box with a 4 pixel rgb(252, 241, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 241, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 241, 251);  
box-shadow:4px 4px 4px 4px rgb(252, 241,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 90.5711, 0.3138, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 241, 251) }
```

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

```
.background{ background-color: rgb(252,  
241, 251) }
```

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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