

Converting Colors

$Yxy(90.3956, 0.3095, 0.3233)$

Have a look what the booklet for
Yxy(90.3956, 0.3095, 0.3233)
contains.

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Color

Yxy(90.1738, 0.3098, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	F4F3F9
RGB	244, 243, 249
RGB Percent	96%, 95%, 98%
CMY	0.0430, 0.0471, 0.0236
CMYK	0.02, 0.02, 0.00, 0.02
HSL	250°, 33%, 96%
HSV	250°, 2%, 98%
XYZ	86.4619, 90.1738, 102.4537
YIQ	243.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

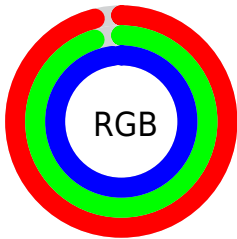
Format	Color
R_{YB}	244, 243, 249
Decimal	16053241
CIE Lab	96.07, 1.41, -2.76
CIE LCh	96, 3.102, 297.103
Yxy	90.1738, 0.3098, 0.3231
Android (android.graphics.Color)	4294243321 (0xFF4F3F9)
YUV	243.9830, 2.4734, 0.0149
Hunter-Lab	94.9599, -3.6538, 2.5030

Details

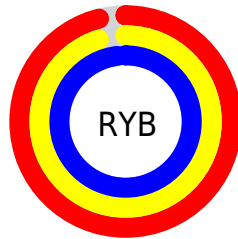
The Yxy color 90.1738, 0.3098, 0.3231 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.1584, 0.3156, 0.3349, and the grayscale version is 90.4378, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.0823, 0.3090, 0.3215 is the 20% darker color. If you saturate the color by 10%, you get 72.7873, 0.2965, 0.2967, and if you desaturate by 10%, it is 99.6184, 0.3162, 0.3348.

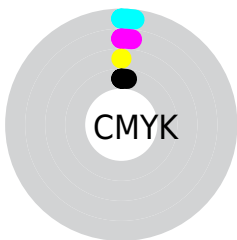
Distribution



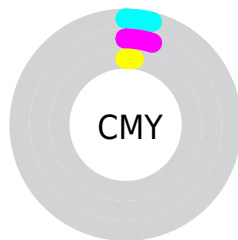
- Red (96%)
- Green (95%)
- Blue (98%)



- Red (96%)
- Yellow (95%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.1738, 0.3098, 0.3231 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 90.1738, 0.3098, 0.3231 by changing the saturation by 10% instead.

90.1738, 0.3098,
0.3231

90.1738, 0.3098,
0.3231

528.5961, 0.3111,
0.3257

68.1248, 0.3095,
0.3225

147.5798, 0.3102,
0.3240

49.9993, 0.3092,
0.3218

183.7056, 0.3104,
0.3243

35.4128, 0.3087,
0.3210

225.2924, 0.3106,
0.3247

23.9810, 0.3082,
0.3198

272.7247, 0.3107,
0.3249

15.3196, 0.3074,
0.3184

326.3868, 0.3108,
0.3252

9.0440, 0.3064,
0.3164

386.6631, 0.3109,

4.7699, 0.3049,

0.3254

0.3134

453.9381, 0.3110,
0.3256

■ 2.1129, 0.3024,
0.3086

■ 0.6719, 0.2966,
0.2960

■ 90.1738, 0.3098,
0.3231

■ 90.1738, 0.3098,
0.3231

■ 72.7873, 0.2965,
0.2967

■ 99.6184, 0.3162,
0.3348

■ 57.7360, 0.2813,
0.2672

■ 44.9231, 0.2643,
0.2352

■ 34.2411, 0.2458,
0.2014

■ 25.5731, 0.2263,
0.1673

■ 18.7911, 0.2071,
0.1348

■ 13.7520, 0.1891,
0.1065

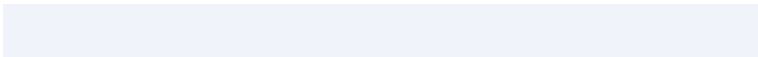
■ 10.2921, 0.1740,
0.0844

■ 8.2150, 0.1626,
0.0699

Harmonies

Analogous

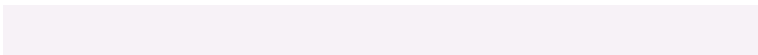
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1738, 0.3071, 0.3235



90.1738, 0.3098, 0.3231



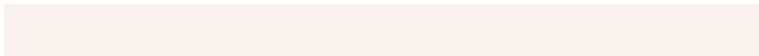
90.1738, 0.3133, 0.3243

Triad

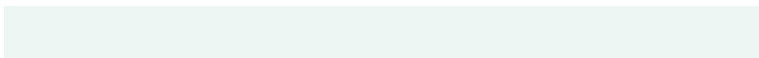
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.1738, 0.3098, 0.3231



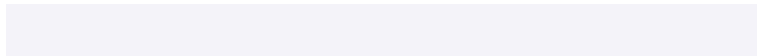
90.1738, 0.3195, 0.3327



90.1738, 0.3089, 0.3313

Complementary

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



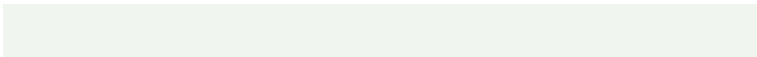
90.1738, 0.3098, 0.3231



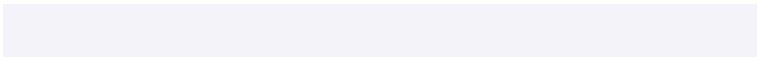
94.1584, 0.3156, 0.3349

Split Complementary

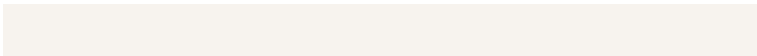
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1738, 0.3122, 0.3338



90.1738, 0.3098, 0.3231



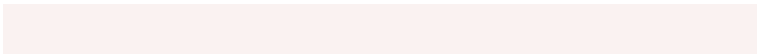
90.1738, 0.3183, 0.3346

Square

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



90.1738, 0.3098, 0.3231



90.1738, 0.3189, 0.3298



90.1738, 0.3156, 0.3350



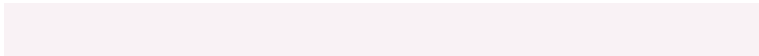
90.1738, 0.3066, 0.3282

Rectangle

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



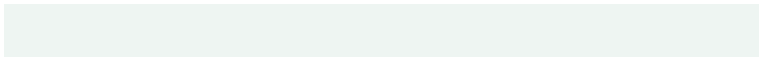
90.1738, 0.3098, 0.3231



90.1738, 0.3156, 0.3258



90.1738, 0.3156, 0.3350



90.1738, 0.3099, 0.3322

Sweetspot

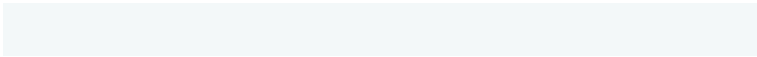
The Sweet Spot groups the original color and five complimentary colors.



90.1777, 0.3098, 0.3231



97.9855, 0.3115, 0.3266



93.0180, 0.3090, 0.3280



20.9942, 0.3116, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

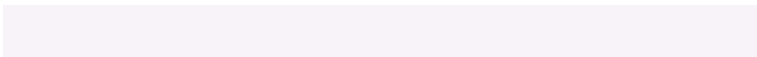
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.1777, 0.3098, 0.3231



94.0341, 0.3091, 0.3216



90.7113, 0.3117, 0.3231



18.9521, 0.3081, 0.3196



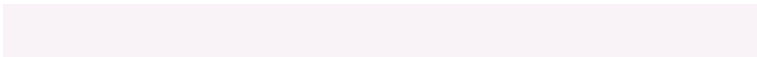
3.9753, 0.1575, 0.0642



0.4070, 0.1672, 0.0695

Inverse Universe

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



91.0117, 0.3136, 0.3242



95.1314, 0.3138, 0.3230



93.6219, 0.3137, 0.3349



19.2351, 0.3141, 0.3213



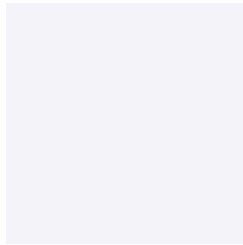
13.1895, 0.3699, 0.1811



1.2346, 0.3630, 0.1773

Previews

White Background



This preview shows how the Yxy color 90.1738, 0.3098, 0.3231 looks on a white background.

Color Contrast Check

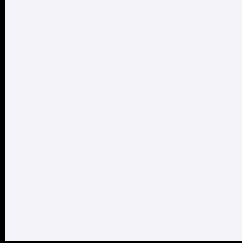
Large Text (above 18pt) WCAG AA × Fail

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 90.1738, 0.3098, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

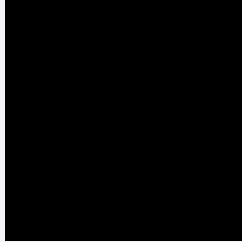
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

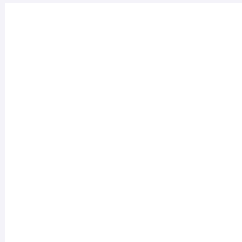
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.1738, 0.3098, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 90.1738, 0.3098, 0.3231.

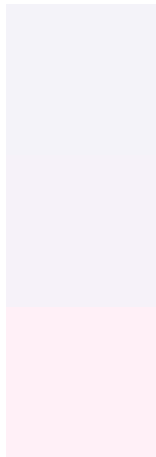


This preview shows how white text looks on a background with the Yxy color 90.1738, 0.3098, 0.3231.

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

90.1738, 0.3098, 0.3231

Protanopia

89.9366, 0.3111, 0.3221

Deuteranopia

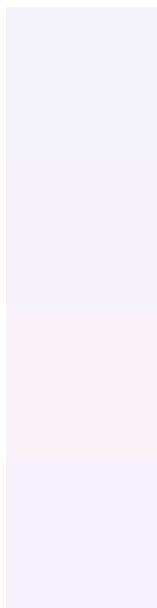
90.2956, 0.3183, 0.3222



Tritanopia

90.1367, 0.3069, 0.3163

Trichromacy



Original Color

90.1738, 0.3098, 0.3231

Protanomaly

89.7563, 0.3104, 0.3221

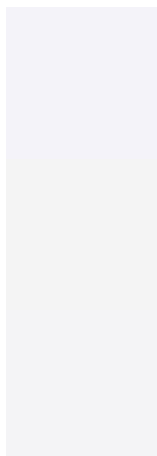
Deuteranomaly

90.1971, 0.3150, 0.3222

Tritanomaly

90.0086, 0.3081, 0.3182

Monochromacy



Original Color

90.1738, 0.3098, 0.3231

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.5883, 0.3115, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.1738, 0.3098, 0.3231 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(244, 243, 249) looks like.

```
.text, #text, p{  
    color:rgb(244, 243, 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(244, 243, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 243, 249) }
```

Border

The CSS property to change the border of an element to Yxy 90.1738, 0.3098, 0.3231 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(244, 243, 249) }
```

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

```
.border{ border-color:rgb(244, 243, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 243, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 243, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 243, 249);  
box-shadow:4px 4px 4px 4px rgb(244, 243,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 90.1738, 0.3098, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 243, 249) }
```

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

```
.background{ background-color: rgb(244,  
243, 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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