

Converting Colors

Yxy(90.4456, 0.3150, 0.3212)

Have a look what the booklet for
Yxy(90.4456, 0.3150, 0.3212)
contains.

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Color

Yxy(90.4456, 0.3150, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	FCF1F9
RGB	252, 241, 249
RGB Percent	99%, 95%, 98%
CMY	0.0118, 0.0549, 0.0234
CMYK	0.00, 0.04, 0.01, 0.01
HSL	316°, 65%, 97%
HSV	316°, 4%, 99%
XYZ	88.6998, 90.4456, 102.4412
YIQ	245.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

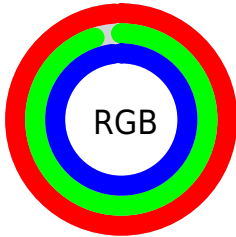
Format	Color
R _Y B	252, 241, 249
Decimal	16577017
CIE Lab	96.18, 5.07, -2.56
CIE LCh	96, 5.682, 333.227
Yxy	90.4456, 0.3150, 0.3212
Android (android.graphics.Color)	4294767097 (0xFFFCF1F9)
YUV	245.2010, 1.8729, 5.9627
Hunter-Lab	95.1029, 0.0518, 2.7071

Details

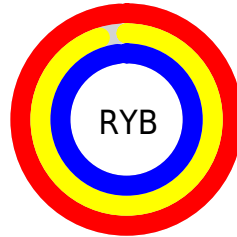
The Yxy color 90.4456, 0.3150, 0.3212 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.8409, 0.3105, 0.3369, and the grayscale version is 91.4658, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.1503, 0.3149, 0.3191 is the 20% darker color. If you saturate the color by 10%, you get 76.1350, 0.3209, 0.3027, and if you desaturate by 10%, it is 99.4324, 0.3109, 0.3290.

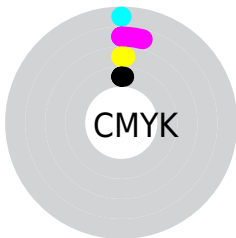
Distribution



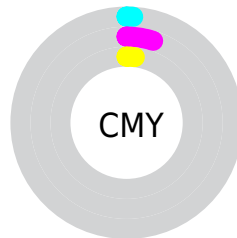
- Red (99%)
- Green (95%)
- Blue (98%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.4456, 0.3150, 0.3212 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 90.4456, 0.3150, 0.3212 by changing the saturation by 10% instead.


 90.4456, 0.3150,
0.3212

 90.4456, 0.3150,
0.3212


529.4793, 0.3140,
0.3247

 68.3503, 0.3152,
0.3204


147.9572, 0.3147,
0.3224

 50.1828, 0.3155,
0.3195


184.1423, 0.3145,
0.3228

 35.5586, 0.3158,
0.3184


225.7927, 0.3144,
0.3232

 24.0935, 0.3162,
0.3169

273.2929, 0.3143,
0.3236

 15.4030, 0.3168,
0.3150

327.0273, 0.3142,
0.3239

 9.1027, 0.3175,
0.3124

387.3802, 0.3141,

 4.8082, 0.3186,

0.3242

0.3086

454.7361, 0.3141,
0.3244

■ 2.1352, 0.3203,
0.3026

■ 0.6843, 0.3250,
0.2872

■ 90.4456, 0.3150,
0.3212

■ 90.4456, 0.3150,
0.3212

■ 76.1350, 0.3209,
0.3027

■ 99.4324, 0.3109,
0.3290

■ 63.8145, 0.3278,
0.2836

■ 53.3980, 0.3357,
0.2645

■ 44.7884, 0.3447,
0.2461

■ 37.8801, 0.3546,
0.2293

■ 32.5563, 0.3653,
0.2153

■ 28.6856, 0.3764,
0.2051

■ 26.1152, 0.3876,
0.1995

■ 24.6580, 0.3985,
0.1989

Harmonies

Analogous

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



90.4456, 0.3086, 0.3185



90.4456, 0.3150, 0.3212



90.4456, 0.3209, 0.3260

Triad

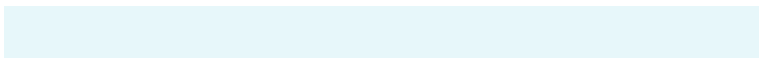
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.4456, 0.3150, 0.3212



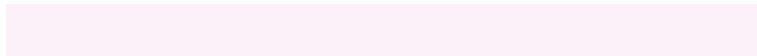
90.4456, 0.3222, 0.3396



90.4456, 0.3011, 0.3263

Complementary

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



90.4456, 0.3150, 0.3212



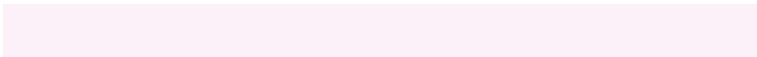
94.8409, 0.3105, 0.3369

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.



90.4456, 0.3046, 0.3320



90.4456, 0.3150, 0.3212



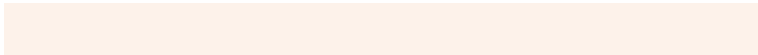
90.4456, 0.3168, 0.3398

Square

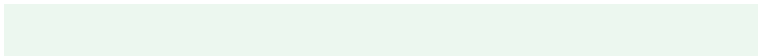
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



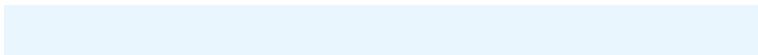
90.4456, 0.3150, 0.3212



90.4456, 0.3250, 0.3366



90.4456, 0.3104, 0.3370



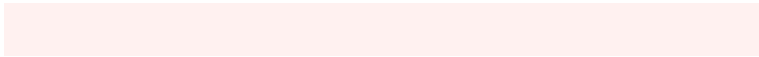
90.4456, 0.3006, 0.3213

Rectangle

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



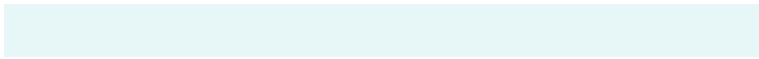
90.4456, 0.3150, 0.3212



90.4456, 0.3236, 0.3297



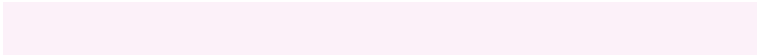
90.4456, 0.3104, 0.3370



90.4456, 0.3019, 0.3282

Sweetspot

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



90.4495, 0.3150, 0.3212



98.3399, 0.3132, 0.3272



89.1632, 0.3080, 0.3182



21.0663, 0.3132, 0.3273



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

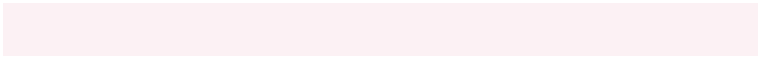
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.4495, 0.3150, 0.3212



91.9153, 0.3154, 0.3200



90.1126, 0.3184, 0.3265



18.6133, 0.3157, 0.3188



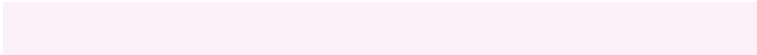
12.6209, 0.4028, 0.1993



1.1865, 0.3907, 0.1926

Inverse Universe

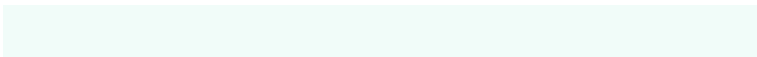
The Inverse Universe completely reimagines the original color for something new.



90.4495, 0.3150, 0.3212



91.9153, 0.3154, 0.3200



95.1786, 0.3074, 0.3315



18.6133, 0.3157, 0.3188



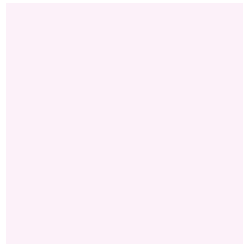
12.6209, 0.4028, 0.1993



1.1865, 0.3907, 0.1926

Previews

White Background



This preview shows how the Yxy color 90.4456, 0.3150, 0.3212 looks on a white background.

Color Contrast Check

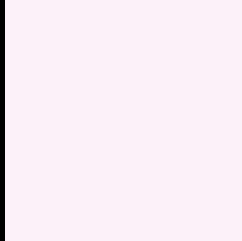
Large Text (above 18pt) WCAG AA × Fail

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 90.4456, 0.3150, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

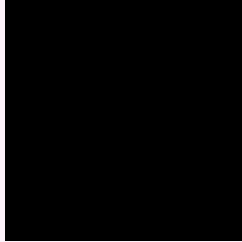
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

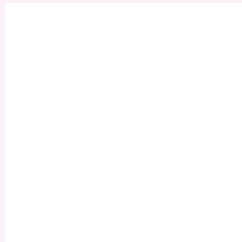
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.4456, 0.3150, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 90.4456, 0.3150, 0.3212.

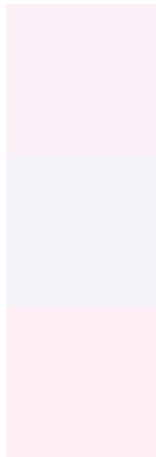


This preview shows how white text looks on a background with the Yxy color 90.4456, 0.3150, 0.3212.

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

90.4456, 0.3150, 0.3212

Protanopia

90.5961, 0.3105, 0.3221

Deuteranopia

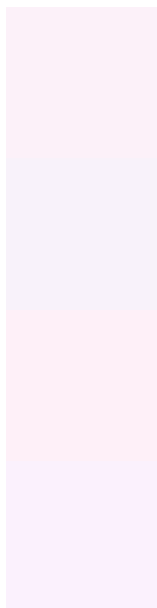
90.2956, 0.3183, 0.3222



Tritanopia

90.6398, 0.3108, 0.3155

Trichromacy



Original Color

90.4456, 0.3150, 0.3212

Protanomaly

90.3628, 0.3118, 0.3212

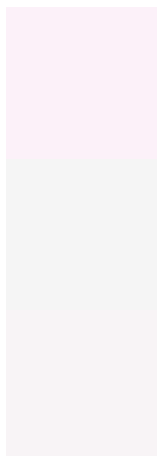
Deuteranomaly

90.1683, 0.3170, 0.3213

Tritanomaly

90.5117, 0.3120, 0.3174

Monochromacy



Original Color

90.4456, 0.3150, 0.3212

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.3116, 0.3141, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.4456, 0.3150, 0.3212 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 $rgb(252, 241, 249)$ looks like.

```
.text, #text, p{  
    color:rgb(252, 241, 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(252, 241, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 241, 249) }
```

Border

The CSS property to change the border of an element to Yxy 90.4456, 0.3150, 0.3212 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, 249) }
```

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

```
.border{ border-color:rgb(252, 241, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 241, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 241, 249);  
box-shadow:4px 4px 4px 4px rgb(252, 241,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 90.4456, 0.3150, 0.3212 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, 249) }
```

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

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