

Converting Colors

Yxy(90.9948, 0.3129, 0.3253)

Have a look what the booklet for
Yxy(90.9948, 0.3129, 0.3253)
contains.

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Color

Yxy(91.1909, 0.3129, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	F7F4F7
RGB	247, 244, 247
RGB Percent	97%, 96%, 97%
CMY	0.0312, 0.0431, 0.0315
CMYK	0.00, 0.01, 0.00, 0.03
HSL	301°, 16%, 96%
HSV	301°, 1%, 97%
XYZ	87.4996, 91.1909, 100.9504
YIQ	245.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

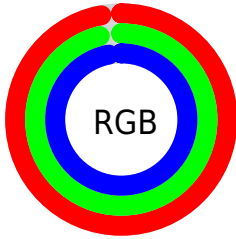
Format	Color
R _Y B	247, 244, 247
Decimal	16250103
CIE Lab	96.49, 1.53, -1.07
CIE LCh	96, 1.873, 325.003
Yxy	91.1909, 0.3129, 0.3261
Android (android.graphics.Color)	4294440183 (0xFF7F4F7)
YUV	245.2390, 0.8682, 1.5444
Hunter-Lab	95.4939, -3.5575, 4.1680

Details

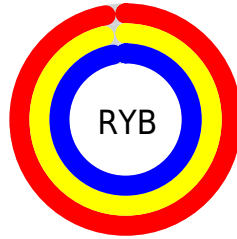
The Yxy color **91.1909, 0.3129, 0.3261** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92.3109, 0.3125, 0.3319**, and the grayscale version is **91.5094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.8044, 0.3129, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **77.2741, 0.3145, 0.3020**, and if you desaturate by 10%, it is **98.0503, 0.3120, 0.3362**.

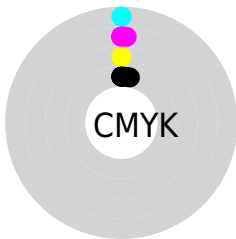
Distribution



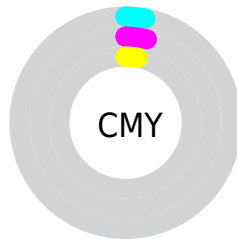
- Red (97%)
- Green (96%)
- Blue (97%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.1909, 0.3129, 0.3261 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 91.1909, 0.3129, 0.3261 by changing the saturation by 10% instead.

 91.1909, 0.3129,
0.3261

 91.1909, 0.3129,
0.3261


531.8972, 0.3128,
0.3274

 68.9688, 0.3129,
0.3258


148.9915, 0.3129,
0.3265

 50.6863, 0.3129,
0.3255


185.3388, 0.3129,
0.3267

 35.9590, 0.3130,
0.3250


227.1633, 0.3129,
0.3269

 24.4025, 0.3130,
0.3245

274.8493, 0.3128,
0.3270

 15.6325, 0.3130,
0.3238

328.7814, 0.3128,
0.3271

 9.2645, 0.3131,
0.3228

389.3438, 0.3128,

 4.9141, 0.3132,

0.3272

0.3213

456.9209, 0.3128,
0.3273

■ 2.1969, 0.3133,
0.3190

■ 0.7183, 0.3137,
0.3129

■ 91.1909, 0.3129,
0.3261

■ 91.1909, 0.3129,
0.3261

■ 77.2741, 0.3145,
0.3020

■ 98.0503, 0.3120,
0.3362

■ 65.2671, 0.3161,
0.2774

■ 98.0878, 0.3117,
0.3356

■ 55.0900, 0.3178,
0.2529

■ 98.1255, 0.3114,
0.3350

■ 46.6527, 0.3196,
0.2296

■ 98.1633, 0.3110,
0.3344

 39.8575, 0.3213,
0.2083


 98.2012, 0.3107,
0.3338


 34.5968, 0.3229,
0.1901

 98.2392, 0.3103,
0.3333


 30.7508, 0.3243,
0.1757

 98.2773, 0.3100,
0.3327

 28.1813, 0.3255,
0.1656

 98.3156, 0.3096,
0.3321

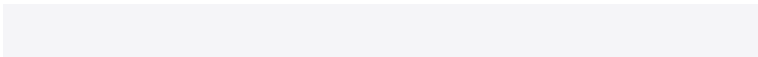
 26.7229, 0.3265,
0.1598

 98.3540, 0.3093,
0.3315

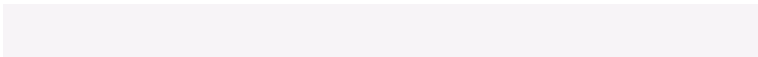
Harmonies

Analogous

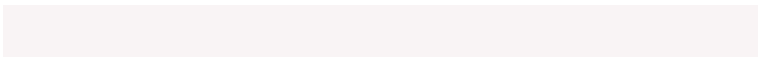
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1909, 0.3108, 0.3254



91.1909, 0.3129, 0.3261



91.1909, 0.3149, 0.3275

Triad

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



91.1909, 0.3129, 0.3261



91.1909, 0.3162, 0.3323



91.1909, 0.3091, 0.3287

Complementary

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



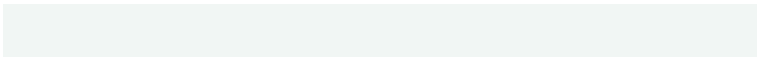
91.1909, 0.3129, 0.3261



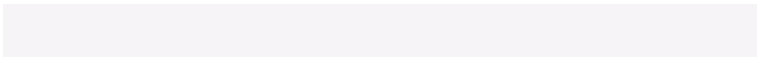
92.3109, 0.3125, 0.3319

Split Complementary

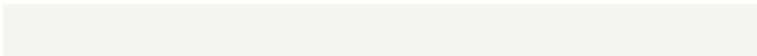
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1909, 0.3105, 0.3305



91.1909, 0.3129, 0.3261



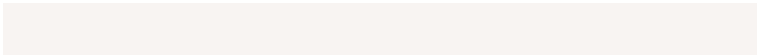
91.1909, 0.3146, 0.3326

Square

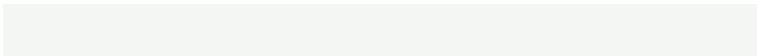
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.1909, 0.3129, 0.3261



91.1909, 0.3168, 0.3311



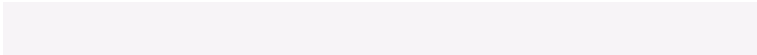
91.1909, 0.3125, 0.3320



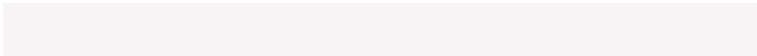
91.1909, 0.3086, 0.3269

Rectangle

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



91.1909, 0.3129, 0.3261



91.1909, 0.3160, 0.3287



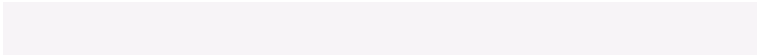
91.1909, 0.3125, 0.3320



91.1909, 0.3095, 0.3293

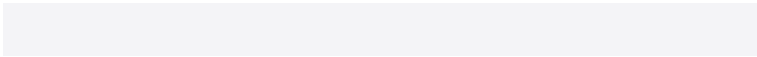
Sweetspot

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



91.1948, 0.3129, 0.3261

100.0000, 0.3127, 0.3290



90.6617, 0.3109, 0.3260



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

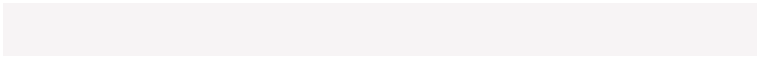
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.1948, 0.3129, 0.3261



98.3798, 0.3129, 0.3266



91.1031, 0.3138, 0.3276



19.2987, 0.3129, 0.3268



13.8184, 0.3271, 0.1576



1.2167, 0.3263, 0.1571

Inverse Universe

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



91.1948, 0.3129, 0.3261



98.3798, 0.3129, 0.3266



92.4019, 0.3116, 0.3304



19.2987, 0.3129, 0.3268



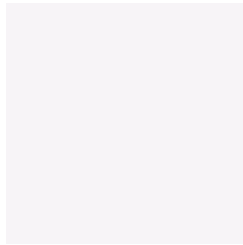
13.8184, 0.3271, 0.1576



1.2167, 0.3263, 0.1571

Previews

White Background



This preview shows how the Yxy color 91.1909, 0.3129, 0.3261 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 91.1909, 0.3129, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

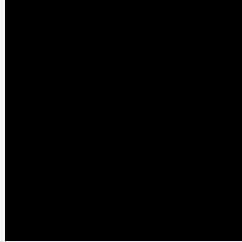
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

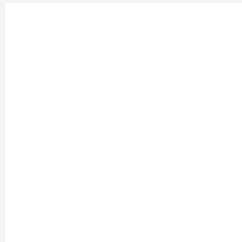
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.1909, 0.3129, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 91.1909, 0.3129, 0.3261.

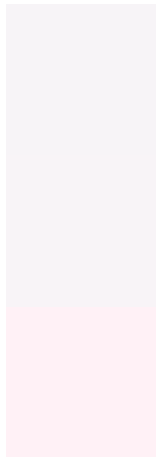


This preview shows how white text looks on a background with the Yxy color 91.1909, 0.3129, 0.3261.

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

91.1909, 0.3129, 0.3261

Protanopia

91.3732, 0.3135, 0.3261

Deuteranopia

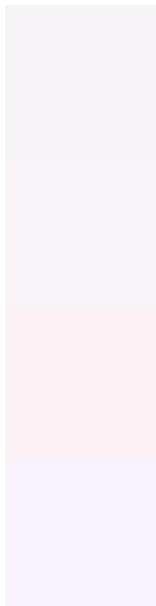
90.8244, 0.3188, 0.3242



Tritanopia

91.2776, 0.3088, 0.3173

Trichromacy



Original Color

91.1909, 0.3129, 0.3261

Protanomaly

91.3732, 0.3135, 0.3261

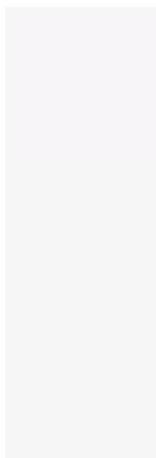
Deuteranomaly

90.8535, 0.3168, 0.3251

Tritanomaly

91.0859, 0.3105, 0.3202

Monochromacy



Original Color

91.1909, 0.3129, 0.3261

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.5515, 0.3128, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1909, 0.3129, 0.3261 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, 244, 247)` looks like.

```
.text, #text, p{  
    color:rgb(247, 244, 247)  
}
```

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, 244, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 244, 247) }
```

Border

The CSS property to change the border of an element to Yxy 91.1909, 0.3129, 0.3261 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, 244, 247) }
```

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

```
.border{ border-color:rgb(247, 244, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 244, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 244, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 244, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 244,  
247) }
```

Background

The CSS property to change the background color of an element to Yxy 91.1909, 0.3129, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 244, 247) }
```

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

```
.background{ background-color: rgb(247,  
244, 247) }
```

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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