

Converting Colors

$Y_{xy}(91.2282, 0.3080, 0.3202)$

Have a look what the booklet for
Yxy(91.2282, 0.3080, 0.3202)
contains.

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Color

Yxy(91.2057, 0.3080, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	F5F4FD
RGB	245, 244, 253
RGB Percent	96%, 96%, 99%
CMY	0.0393, 0.0431, 0.0079
CMYK	0.03, 0.04, 0.00, 0.01
HSL	246°, 69%, 97%
HSV	246°, 4%, 99%
XYZ	87.7307, 91.2057, 105.9034
YIQ	245.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

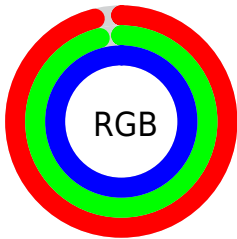
Format	Color
R _{YB}	245, 244, 253
Decimal	16119037
CIE Lab	96.49, 1.94, -4.20
CIE LCh	96, 4.627, 294.732
Yxy	91.2057, 0.3080, 0.3202
Android (android.graphics.Color)	4294309117 (0xFFFF5F4FD)
YUV	245.3250, 3.7838, -0.2850
Hunter-Lab	95.5017, -3.1526, 1.1035

Details

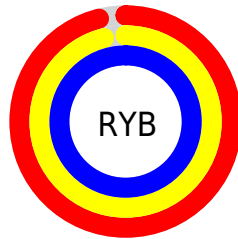
The Yxy color **91.2057, 0.3080, 0.3202** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97.4798, 0.3173, 0.3377**, and the grayscale version is **91.5566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7708, 0.3075, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **73.2002, 0.2934, 0.2932**, and if you desaturate by 10%, it is **99.8715, 0.3139, 0.3309**.

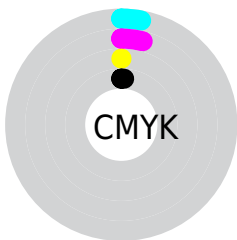
Distribution



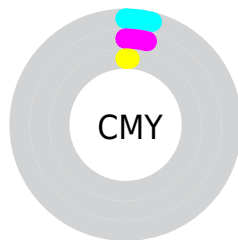
- Red (96%)
- Green (96%)
- Blue (99%)



- Red (96%)
- Yellow (96%)
- Blue (99%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2057, 0.3080, 0.3202 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 91.2057, 0.3080, 0.3202 by changing the saturation by 10% instead.


 91.2057, 0.3080,
0.3202

 91.2057, 0.3080,
0.3202

531.9452, 0.3101,
0.3241

 68.9811, 0.3075,
0.3193


149.0120, 0.3087,
0.3215

 50.6963, 0.3070,
0.3183


185.3625, 0.3090,
0.3220

 35.9670, 0.3063,
0.3170

227.1905, 0.3092,
0.3225

 24.4087, 0.3054,
0.3154

274.8802, 0.3095,
0.3229

 15.6371, 0.3042,
0.3132

328.8162, 0.3096,
0.3233

 9.2677, 0.3026,
0.3103

389.3827, 0.3098,

 4.9162, 0.3002,

0.3236

0.3060

456.9642, 0.3100,
0.3238

■ 2.1982, 0.2963,
0.2991

■ 0.7190, 0.2887,
0.2841

■ 91.2057, 0.3080,
0.3202

■ 91.2057, 0.3080,
0.3202

■ 73.2002, 0.2934,
0.2932

99.8715, 0.3139,
0.3309

■ 57.6731, 0.2768,
0.2631

■ 44.5192, 0.2583,
0.2302

■ 33.6212, 0.2385,
0.1956

■ 24.8520, 0.2181,
0.1609

■ 18.0715, 0.1983,
0.1282

■ 13.1228, 0.1806,
0.1002

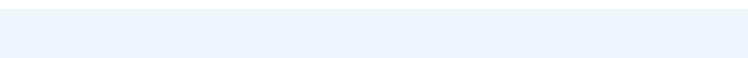
■ 9.8255, 0.1665,
0.0791

■ 7.9613, 0.1569,
0.0662

Harmonies

Analogous

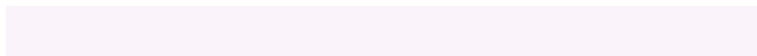
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2057, 0.3042, 0.3209



91.2057, 0.3080, 0.3202



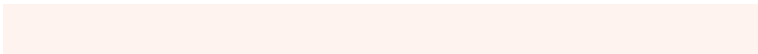
91.2057, 0.3131, 0.3218

Triad

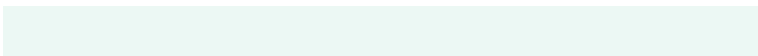
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.2057, 0.3080, 0.3202



91.2057, 0.3229, 0.3341



91.2057, 0.3073, 0.3327

Complementary

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



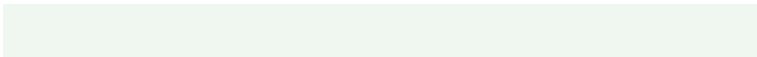
91.2057, 0.3080, 0.3202



97.4798, 0.3173, 0.3377

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.



91.2057, 0.3123, 0.3364



91.2057, 0.3080, 0.3202



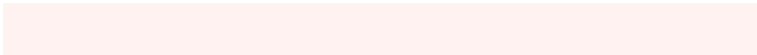
91.2057, 0.3213, 0.3372

Square

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



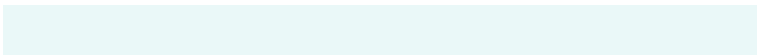
91.2057, 0.3080, 0.3202



91.2057, 0.3217, 0.3298



91.2057, 0.3174, 0.3380



91.2057, 0.3038, 0.3281

Rectangle

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



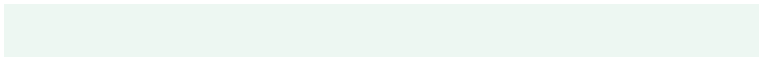
91.2057, 0.3080, 0.3202



91.2057, 0.3165, 0.3240



91.2057, 0.3174, 0.3380



91.2057, 0.3089, 0.3341

Sweetspot

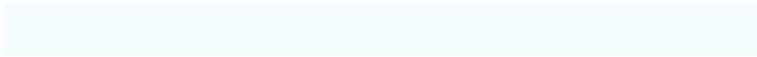
The Sweet Spot groups the original color and five complimentary colors.



91.2096, 0.3080, 0.3202



97.9549, 0.3114, 0.3266



96.0083, 0.3072, 0.3281



20.9879, 0.3115, 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.



91.2096, 0.3080, 0.3202



91.9789, 0.3074, 0.3191



92.0139, 0.3108, 0.3203



19.3745, 0.3063, 0.3171



3.9283, 0.1537, 0.0620



0.4118, 0.1606, 0.0658

Inverse Universe

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



92.6203, 0.3137, 0.3213



93.5931, 0.3138, 0.3203



96.6641, 0.3146, 0.3377



19.7831, 0.3140, 0.3186



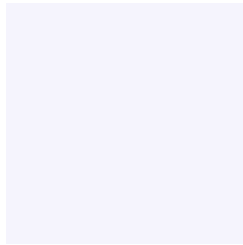
14.0335, 0.3502, 0.1703



1.3757, 0.3464, 0.1682

Previews

White Background



This preview shows how the Yxy color 91.2057, 0.3080, 0.3202 looks on a white background.

Color Contrast Check

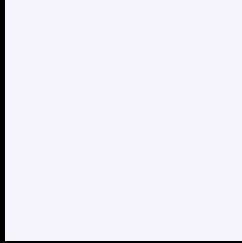
Large Text (above 18pt) WCAG AA × Fail

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 91.2057, 0.3080, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

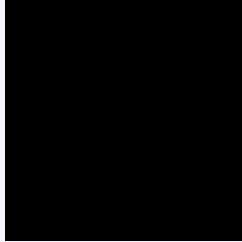
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

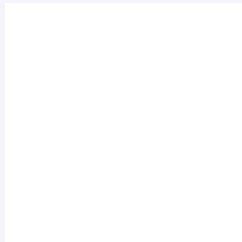
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2057, 0.3080, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 91.2057, 0.3080, 0.3202.

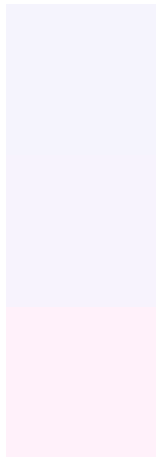


This preview shows how white text looks on a background with the Yxy color 91.2057, 0.3080, 0.3202.

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

91.2057, 0.3080, 0.3202

Protanopia

90.9672, 0.3093, 0.3192

Deuteranopia

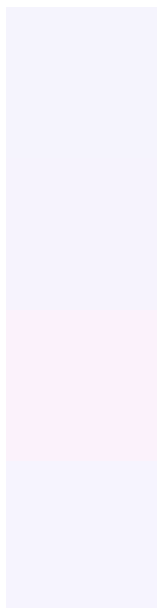
91.0727, 0.3164, 0.3203



Tritanopia

91.5142, 0.3075, 0.3183

Trichromacy



Original Color

91.2057, 0.3080, 0.3202

Protanomaly

90.7859, 0.3087, 0.3192

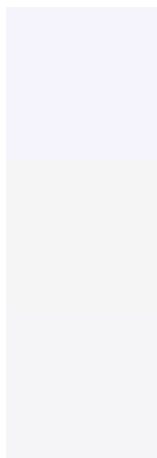
Deuteranomaly

90.9785, 0.3131, 0.3203

Tritanomaly

91.4500, 0.3081, 0.3192

Monochromacy



Original Color

91.2057, 0.3080, 0.3202

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.4946, 0.3109, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2057, 0.3080, 0.3202 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(245, 244, 253)` looks like.

```
.text, #text, p{  
    color:rgb(245, 244, 253)  
}
```

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(245, 244, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 244, 253) }
```

Border

The CSS property to change the border of an element to Yxy 91.2057, 0.3080, 0.3202 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(245, 244, 253) }
```

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

```
.border{ border-color:rgb(245, 244, 253) }
```

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

Here you see how a box with a 4 pixel rgb(245, 244, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 244, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 244, 253);  
box-shadow:4px 4px 4px 4px rgb(245, 244,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2057, 0.3080, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 244, 253) }
```

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

```
.background{ background-color: rgb(245,  
244, 253) }
```

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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