

Converting Colors

$Y_{xy}(113.1871, 0.3753, 0.3226)$

Have a look what the booklet for
Yxy(113.1871, 0.3753, 0.3226)
contains.

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Color

Yxy(91.7293, 0.3157, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2FB
RGB	255, 242, 251
RGB Percent	100%, 95%, 98%
CMY	0.0000, 0.0510, 0.0155
CMYK	0.00, 0.05, 0.02, 0.00
HSL	318°, 100%, 97%
HSV	318°, 5%, 100%
XYZ	90.4119, 91.7293, 104.2443
YIQ	246.9130, 4.8590, 5.5550

Conversions

Conversions Part 2

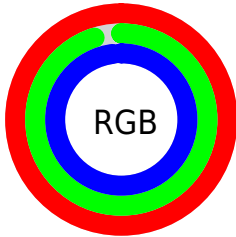
Format	Color
R_{YB}	255, 242, 251
Decimal	16773883
CIE _{Lab}	96.71, 5.92, -2.79
CIE _{LCh}	97, 6.545, 334.751
Yxy	91.7293, 0.3157, 0.3203
Android (android.graphics.Color)	4294963963 (0xFFFFF2FB)
YUV	246.9130, 2.0149, 7.0923
Hunter-Lab	95.7754, 0.8969, 2.5101

Details

The Yxy color 91.7293, 0.3157, 0.3203 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.0481, 0.3099, 0.3379, and the grayscale version is 92.9212, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.0637, 0.3157, 0.3180 is the 20% darker color. If you saturate the color by 10%, you get 77.1168, 0.3223, 0.3026, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

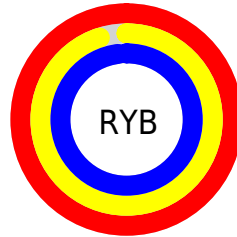
Distribution



Red (100%)

Green (95%)

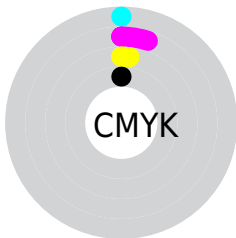
Blue (98%)



Red (100%)

Yellow (95%)

Blue (98%)

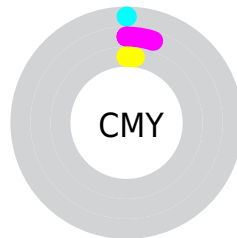


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.7293, 0.3157, 0.3203 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 91.7293, 0.3157, 0.3203 by changing the saturation by 10% instead.

 91.7293, 0.3157,
0.3203

 91.7293, 0.3157,
0.3203


533.6403, 0.3144,
0.3241

 69.4158, 0.3160,
0.3195


149.7382, 0.3153,
0.3216

 51.0504, 0.3163,
0.3184


186.2023, 0.3151,
0.3221

 36.2487, 0.3168,
0.3172


228.1521, 0.3149,
0.3226

 24.6264, 0.3173,
0.3156

275.9720, 0.3148,
0.3230

 15.7989, 0.3180,
0.3135

330.0464, 0.3147,
0.3233

 9.3820, 0.3190,
0.3107

390.7597, 0.3146,

 4.9912, 0.3203,

0.3236

0.3065

458.4961, 0.3145,
0.3239

■ 2.2421, 0.3225,
0.2999

■ 0.7428, 0.3274,
0.2859

■ 91.7293, 0.3157,
0.3203

■ 91.7293, 0.3157,
0.3203

■ 77.1168, 0.3223,
0.3026

100.0000, 0.3127,
0.3290

■ 64.5507, 0.3301,
0.2844

■ 53.9403, 0.3392,
0.2661

■ 45.1849, 0.3495,
0.2485

■ 38.1750, 0.3609,
0.2326

■ 32.7894, 0.3733,
0.2195

■ 28.8912, 0.3863,
0.2102

■ 26.3209, 0.3994,
0.2057

■ 24.8821, 0.4123,
0.2062

Harmonies

Analogous

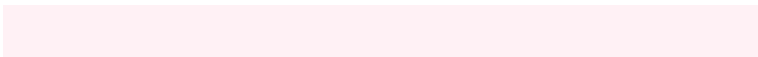
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7293, 0.3083, 0.3170



91.7293, 0.3157, 0.3203



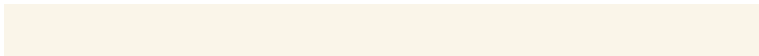
91.7293, 0.3223, 0.3258

Triad

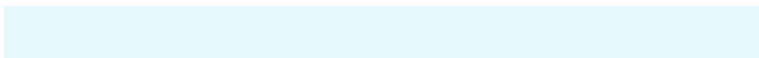
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.7293, 0.3157, 0.3203



91.7293, 0.3233, 0.3413



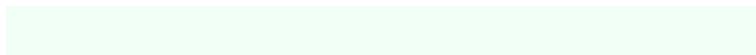
91.7293, 0.2992, 0.3255

Complementary

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



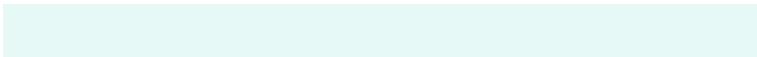
91.7293, 0.3157, 0.3203



97.0481, 0.3099, 0.3379

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.



91.7293, 0.3032, 0.3322



91.7293, 0.3157, 0.3203



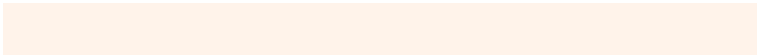
91.7293, 0.3170, 0.3413

Square

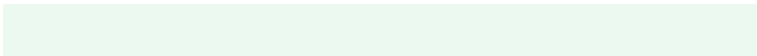
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



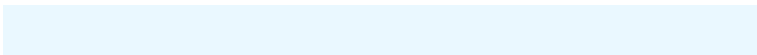
91.7293, 0.3157, 0.3203



91.7293, 0.3268, 0.3379



91.7293, 0.3096, 0.3380



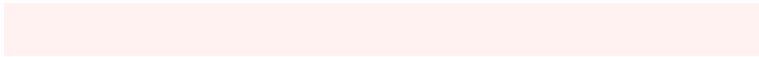
91.7293, 0.2989, 0.3199

Rectangle

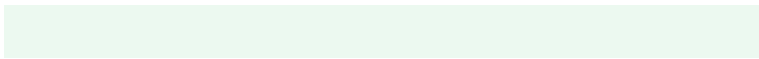
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



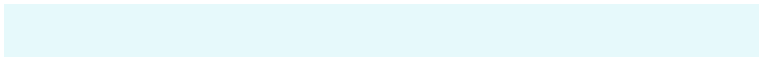
91.7293, 0.3157, 0.3203



91.7293, 0.3254, 0.3301



91.7293, 0.3096, 0.3380



91.7293, 0.3002, 0.3277

Sweetspot

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



91.7319, 0.3157, 0.3203



96.6896, 0.3139, 0.3256



90.2986, 0.3075, 0.3163



20.7302, 0.3138, 0.3258



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.



91.7319, 0.3157, 0.3203



90.3276, 0.3162, 0.3187



91.3321, 0.3196, 0.3265



19.1184, 0.3167, 0.3176



12.8049, 0.4164, 0.2068



1.2662, 0.4028, 0.1993

Inverse Universe

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



91.7319, 0.3157, 0.3203



90.3276, 0.3162, 0.3187



97.4508, 0.3062, 0.3315



19.1184, 0.3167, 0.3176



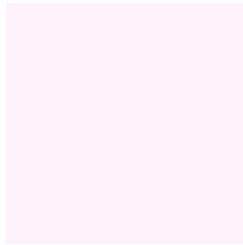
12.8049, 0.4164, 0.2068



1.2662, 0.4028, 0.1993

Previews

White Background



This preview shows how the Yxy color 91.7293, 0.3157, 0.3203 looks on a white background.

Color Contrast Check

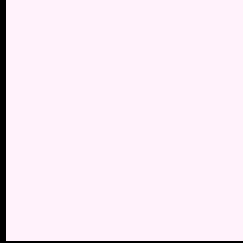
Large Text (above 18pt) WCAG AA × Fail

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 91.7293, 0.3157, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

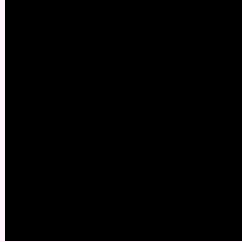
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.7293, 0.3157, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 91.7293, 0.3157, 0.3203.

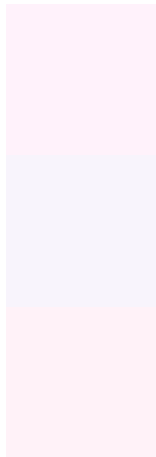


This preview shows how white text looks on a background with the Yxy color 91.7293, 0.3157, 0.3203.

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

91.7293, 0.3157, 0.3203

Protanopia

91.6861, 0.3105, 0.3212

Deuteranopia

91.5416, 0.3176, 0.3232



Tritanopia

91.6069, 0.3120, 0.3165

Trichromacy



Original Color

91.7293, 0.3157, 0.3203

Protanomaly

91.6387, 0.3125, 0.3203

Deuteranomaly

91.6038, 0.3169, 0.3223

Tritanomaly

91.7308, 0.3133, 0.3175

Monochromacy



Original Color

91.7293, 0.3157, 0.3203

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.4061, 0.3141, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7293, 0.3157, 0.3203 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(255, 242, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 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(255, 242, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 251) }
```

Border

The CSS property to change the border of an element to Yxy 91.7293, 0.3157, 0.3203 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(255, 242, 251) }
```

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

```
.border{ border-color:rgb(255, 242, 251) }
```

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

Here you see how a box with a 4 pixel rgb(255, 242, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7293, 0.3157, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 251) }
```

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

```
.background{ background-color: rgb(255,  
242, 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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