

Converting Colors

$Y_{xy}(110.4396, 0.3716, 0.3204)$

Have a look what the booklet for
Yxy(110.4396, 0.3716, 0.3204)
contains.

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Color

Yxy(90.5452, 0.3158, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0FB
RGB	255, 240, 251
RGB Percent	100%, 94%, 98%
CMY	0.0001, 0.0588, 0.0156
CMYK	0.00, 0.06, 0.02, 0.00
HSL	316°, 100%, 97%
HSV	316°, 6%, 100%
XYZ	89.8058, 90.5452, 104.0246
YIQ	245.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 240, 251
Decimal	16773371
CIE _{Lab}	96.22, 6.92, -3.49
CIE _{LCh}	96, 7.750, 333.210
Y _{xy}	90.5452, 0.3158, 0.3184
Android (android.graphics.Color)	4294963451 (0xFFFFF0FB)
Y _{UV}	245.7390, 2.5937, 8.1219
Hunter-Lab	95.1552, 1.9435, 1.7923

Details

The Yxy color **90.5452, 0.3158, 0.3184** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96.5573, 0.3098, 0.3398**, and the grayscale version is **91.9128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.2269, 0.3159, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **76.1587, 0.3218, 0.2997**, and if you desaturate by 10%, it is **99.9940, 0.3127, 0.3290**.

Distribution



Red (100%)

Green (94%)

Blue (98%)



Red (100%)

Yellow (94%)

Blue (98%)



Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (6%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.5452, 0.3158, 0.3184 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 90.5452, 0.3158, 0.3184 by changing the saturation by 10% instead.

 90.5452, 0.3158,
0.3184

 90.5452, 0.3158,
0.3184


529.8028, 0.3145,
0.3231

 68.4329, 0.3161,
0.3174


148.0955, 0.3153,
0.3200

 50.2500, 0.3164,
0.3161

184.3022, 0.3152,
0.3206

 35.6121, 0.3169,
0.3146


225.9760, 0.3150,
0.3212

 24.1348, 0.3174,
0.3127

273.5011, 0.3149,
0.3216

 15.4336, 0.3182,
0.3101

327.2619, 0.3147,
0.3221

 9.1243, 0.3191,
0.3066

387.6428, 0.3146,

 4.8223, 0.3206,

0.3224

0.3015

455.0283, 0.3145,
0.3228

■ 2.1434, 0.3228,
0.2935

■ 0.6889, 0.3285,
0.2748

■ 90.5452, 0.3158,
0.3184

■ 90.5452, 0.3158,
0.3184

■ 76.1587, 0.3218,
0.2997

99.9940, 0.3127,
0.3290

■ 63.8049, 0.3288,
0.2804

■ 53.3940, 0.3368,
0.2613

■ 44.8250, 0.3458,
0.2430

■ 37.9875, 0.3557,
0.2265

■ 32.7595, 0.3663,
0.2130

■ 29.0028, 0.3773,
0.2034

■ 26.5559, 0.3883,
0.1985

■ 25.2185, 0.3989,
0.1985

Harmonies

Analogous

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



90.5452, 0.3070, 0.3147



90.5452, 0.3158, 0.3184



90.5452, 0.3238, 0.3249

Triad

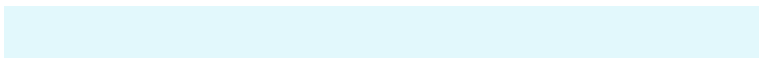
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.5452, 0.3158, 0.3184



90.5452, 0.3256, 0.3435



90.5452, 0.2968, 0.3252

Complementary

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



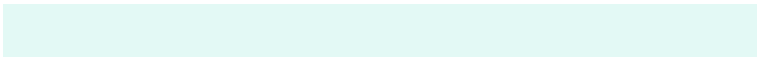
90.5452, 0.3158, 0.3184



96.5573, 0.3098, 0.3398

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.



90.5452, 0.3017, 0.3331



90.5452, 0.3158, 0.3184



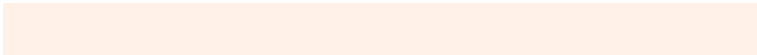
90.5452, 0.3182, 0.3438

Square

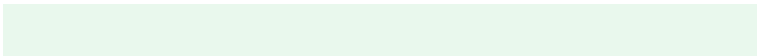
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



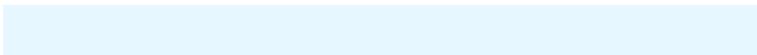
90.5452, 0.3158, 0.3184



90.5452, 0.3295, 0.3393



90.5452, 0.3095, 0.3400



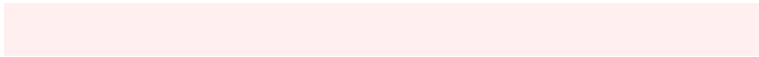
90.5452, 0.2962, 0.3185

Rectangle

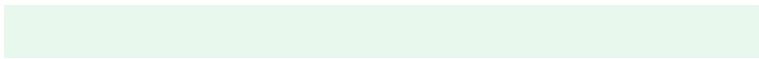
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



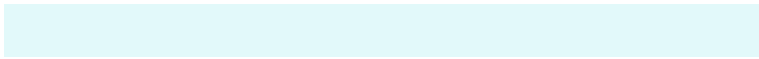
90.5452, 0.3158, 0.3184



90.5452, 0.3276, 0.3299



90.5452, 0.3095, 0.3400



90.5452, 0.2980, 0.3278

Sweetspot

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



90.5491, 0.3158, 0.3184



96.7026, 0.3137, 0.3254



88.7358, 0.3061, 0.3143



20.7329, 0.3137, 0.3256



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.



90.5491, 0.3158, 0.3184



88.8353, 0.3164, 0.3163



90.0996, 0.3203, 0.3254



18.8188, 0.3168, 0.3152



13.0240, 0.4016, 0.1986



1.2861, 0.3903, 0.1924

Inverse Universe

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



90.5491, 0.3158, 0.3184



88.8353, 0.3164, 0.3163



97.0074, 0.3057, 0.3326



18.8188, 0.3168, 0.3152



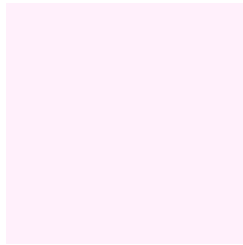
13.0240, 0.4016, 0.1986



1.2861, 0.3903, 0.1924

Previews

White Background



This preview shows how the Yxy color 90.5452, 0.3158, 0.3184 looks on a white background.

Color Contrast Check

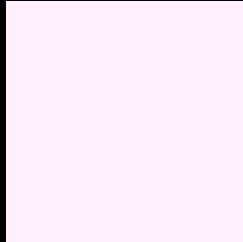
Large Text (above 18pt) WCAG AA × Fail

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 90.5452, 0.3158, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

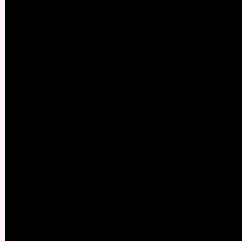
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.5452, 0.3158, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 90.5452, 0.3158, 0.3184.



This preview shows how white text looks on a background with the Yxy color 90.5452, 0.3158, 0.3184.

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

90.5452, 0.3158, 0.3184

Protanopia

90.7859, 0.3087, 0.3192

Deuteranopia

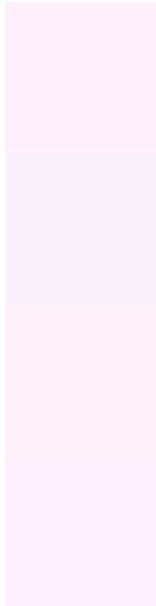
90.3575, 0.3177, 0.3213



Tritanopia

90.6110, 0.3127, 0.3146

Trichromacy



Original Color

90.5452, 0.3158, 0.3184

Protanomaly

90.6723, 0.3112, 0.3193

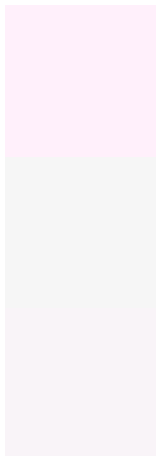
Deuteranomaly

90.4197, 0.3171, 0.3203

Tritanomaly

90.5468, 0.3133, 0.3155

Monochromacy



Original Color

90.5452, 0.3158, 0.3184

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.6184, 0.3135, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.5452, 0.3158, 0.3184 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, 240, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 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, 240, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 251) }
```

Border

The CSS property to change the border of an element to Yxy 90.5452, 0.3158, 0.3184 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, 240, 251) }
```

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

```
.border{ border-color:rgb(255, 240, 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, 240, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 90.5452, 0.3158, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 251) }
```

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

```
.background{ background-color: rgb(255,  
240, 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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