

Converting Colors

$Y_{xy}(90.3849, 0.3114, 0.3160)$

Have a look what the booklet for
Yxy(90.3849, 0.3114, 0.3160)
contains.

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Color

Yxy(90.5756, 0.3114, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	FBF1FE
RGB	251, 241, 254
RGB Percent	98%, 95%, 100%
CMY	0.0154, 0.0550, 0.0039
CMYK	0.01, 0.05, 0.00, 0.00
HSL	286°, 87%, 97%
HSV	286°, 5%, 100%
XYZ	89.1443, 90.5756, 106.5494
YIQ	245.4720, 1.7870, 6.1630

Conversions

Conversions Part 2

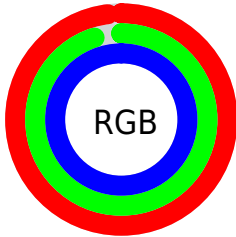
Format	Color
R _Y B	251, 241, 254
Decimal	16511486
CIE Lab	96.24, 5.66, -5.05
CIE LCh	96, 7.584, 318.226
Yxy	90.5756, 0.3114, 0.3164
Android (android.graphics.Color)	4294701566 (0xFFFBF1FE)
YUV	245.4720, 4.2043, 4.8481
Hunter-Lab	95.1712, 0.6464, 0.2414

Details

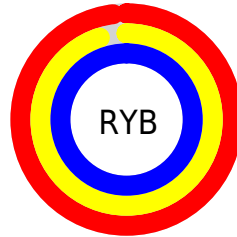
The Yxy color 90.5756, 0.3114, 0.3164 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.4539, 0.3139, 0.3418, and the grayscale version is 91.6834, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.1985, 0.3109, 0.3142 is the 20% darker color. If you saturate the color by 10%, you get 75.5273, 0.3084, 0.2908, and if you desaturate by 10%, it is 99.9358, 0.3133, 0.3300.

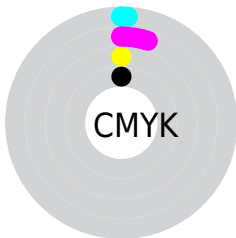
Distribution



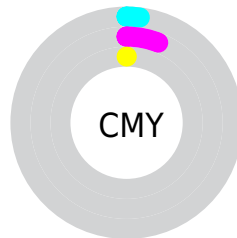
- Red (98%)
- Green (95%)
- Blue (100%)



- Red (98%)
- Yellow (95%)
- Blue (100%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.5756, 0.3114, 0.3164 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 90.5756, 0.3114, 0.3164 by changing the saturation by 10% instead.

 90.5756, 0.3114,
0.3164

 90.5756, 0.3114,
0.3164


529.9015, 0.3120,
0.3220

 68.4581, 0.3113,
0.3152

148.1377, 0.3116,
0.3183

 50.2705, 0.3111,
0.3137


184.3511, 0.3117,
0.3190

 35.6284, 0.3109,
0.3119


226.0319, 0.3118,
0.3197

 24.1473, 0.3106,
0.3096

273.5646, 0.3118,
0.3202

 15.4430, 0.3102,
0.3066

327.3335, 0.3119,
0.3207

 9.1309, 0.3097,
0.3024

387.7230, 0.3119,

 4.8266, 0.3088,

0.3212

0.2964

455.1175, 0.3120,
0.3216

■ 2.1459, 0.3074,
0.2870

■ 0.6903, 0.3059,
0.2659

■ 90.5756, 0.3114,
0.3164

■ 90.5756, 0.3114,
0.3164

■ 75.5273, 0.3084,
0.2908

99.9358, 0.3133,
0.3300

■ 62.5173, 0.3048,
0.2641

■ 51.4569, 0.3005,
0.2372

■ 42.2464, 0.2957,
0.2110

■ 34.7773, 0.2903,
0.1864

■ 28.9293, 0.2844,
0.1648

■ 24.5669, 0.2783,
0.1470

■ 21.5321, 0.2721,
0.1338

■ 19.6301, 0.2661,
0.1253

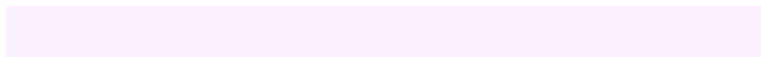
Harmonies

Analogous

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



90.5756, 0.3034, 0.3145



90.5756, 0.3114, 0.3164



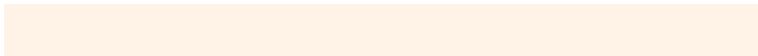
90.5756, 0.3199, 0.3215

Triad

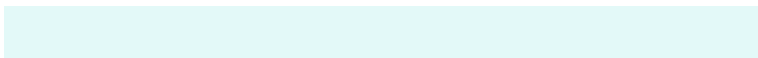
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.5756, 0.3114, 0.3164



90.5756, 0.3278, 0.3415



90.5756, 0.2991, 0.3292

Complementary

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



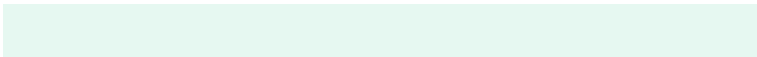
90.5756, 0.3114, 0.3164



96.4539, 0.3139, 0.3418

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.



90.5756, 0.3055, 0.3367



90.5756, 0.3114, 0.3164



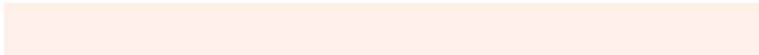
90.5756, 0.3220, 0.3438

Square

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



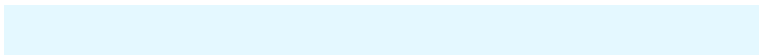
90.5756, 0.3114, 0.3164



90.5756, 0.3294, 0.3359



90.5756, 0.3139, 0.3421



90.5756, 0.2963, 0.3217

Rectangle

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



90.5756, 0.3114, 0.3164



90.5756, 0.3247, 0.3262



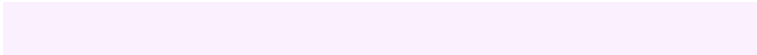
90.5756, 0.3139, 0.3421



90.5756, 0.3009, 0.3318

Sweetspot

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



90.5795, 0.3114, 0.3164



96.5713, 0.3122, 0.3241



90.5699, 0.3049, 0.3192



20.7062, 0.3122, 0.3244



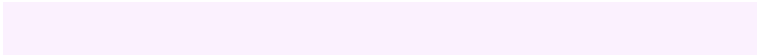
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



90.5795, 0.3114, 0.3164



89.9742, 0.3112, 0.3142



90.9094, 0.3154, 0.3198



19.0346, 0.3110, 0.3126



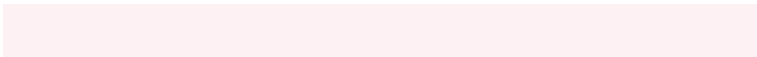
10.0741, 0.2642, 0.1229



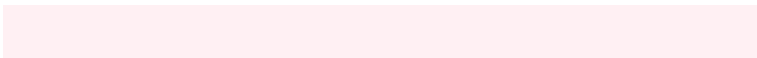
1.0291, 0.2710, 0.1266

Inverse Universe

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



90.5011, 0.3195, 0.3262



89.8841, 0.3207, 0.3257



96.1419, 0.3101, 0.3384



19.0137, 0.3216, 0.3253



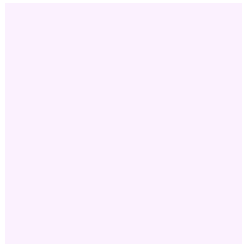
11.2846, 0.6008, 0.3084



1.1144, 0.5700, 0.2914

Previews

White Background



This preview shows how the Yxy color 90.5756, 0.3114, 0.3164 looks on a white background.

Color Contrast Check

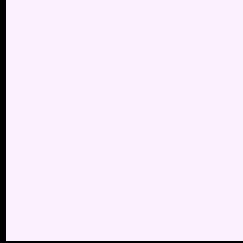
Large Text (above 18pt) WCAG AA × Fail

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 90.5756, 0.3114, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

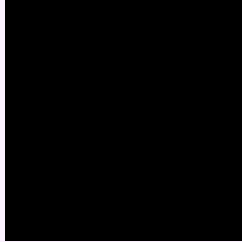
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.5756, 0.3114, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 90.5756, 0.3114, 0.3164.



This preview shows how white text looks on a background with the Yxy color 90.5756, 0.3114, 0.3164.

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

90.5756, 0.3114, 0.3164

Protanopia

90.7337, 0.3069, 0.3173

Deuteranopia

90.4823, 0.3164, 0.3194



Tritanopia

90.4546, 0.3101, 0.3154

Trichromacy



Original Color

90.5756, 0.3114, 0.3164

Protanomaly

90.4984, 0.3082, 0.3163

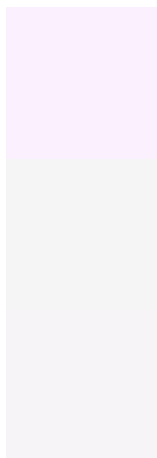
Deuteranomaly

90.3560, 0.3152, 0.3184

Tritanomaly

90.4546, 0.3101, 0.3154

Monochromacy



Original Color

90.5756, 0.3114, 0.3164

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.2528, 0.3123, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.5756, 0.3114, 0.3164 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(251, 241, 254) looks like.

```
.text, #text, p{  
    color:rgb(251, 241, 254)  
}
```

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(251, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 241, 254) }
```

Border

The CSS property to change the border of an element to Yxy 90.5756, 0.3114, 0.3164 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(251, 241, 254) }
```

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

```
.border{ border-color:rgb(251, 241, 254) }
```

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

Here you see how a box with a 4 pixel rgb(251, 241, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(251, 241,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 90.5756, 0.3114, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 241, 254) }
```

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

```
.background{ background-color: rgb(251,  
241, 254) }
```

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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