

Converting Colors

Yxy(91.5826, 0.3114, 0.3167)

Have a look what the booklet for
Yxy(91.5826, 0.3114, 0.3167)
contains.

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Color

Yxy(91.4197, 0.3114, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	FCF2FF
RGB	252, 242, 255
RGB Percent	99%, 95%, 100%
CMY	0.0117, 0.0510, 0.0001
CMYK	0.01, 0.05, 0.00, 0.00
HSL	286°, 99%, 97%
HSV	286°, 5%, 100%
XYZ	89.9466, 91.4197, 107.4795
YIQ	246.4720, 1.7870, 6.1630

Conversions

Conversions Part 2

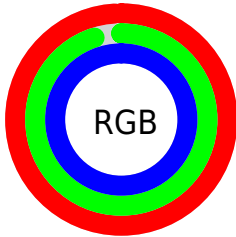
Format	Color
R _Y B	252, 242, 255
Decimal	16577279
CIE Lab	96.58, 5.62, -5.03
CIE LCh	97, 7.543, 318.184
Yxy	91.4197, 0.3114, 0.3165
Android (android.graphics.Color)	4294767359 (0xFFFCF2FF)
YUV	246.4720, 4.2043, 4.8481
Hunter-Lab	95.6136, 0.5963, 0.2815

Details

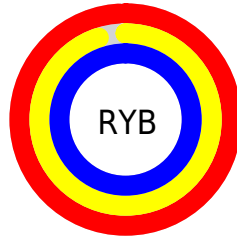
The Yxy color 91.4197, 0.3114, 0.3165 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.3101, 0.3140, 0.3417, and the grayscale version is 92.5281, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.7971, 0.3109, 0.3143 is the 20% darker color. If you saturate the color by 10%, you get 76.2243, 0.3084, 0.2909, and if you desaturate by 10%, it is 99.9976, 0.3127, 0.3290.

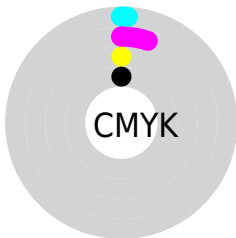
Distribution



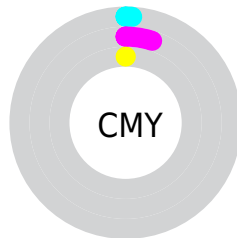
- Red (99%)
- Green (95%)
- Blue (100%)



- Red (99%)
- Yellow (95%)
- Blue (100%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4197, 0.3114, 0.3165 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 91.4197, 0.3114, 0.3165 by changing the saturation by 10% instead.


 91.4197, 0.3114,
0.3165

 91.4197, 0.3114,
0.3165


532.6383, 0.3120,
0.3220

 69.1587, 0.3113,
0.3153

149.3089, 0.3116,
0.3184

 50.8410, 0.3111,
0.3139


185.7058, 0.3117,
0.3191

 36.0821, 0.3109,
0.3121


227.5836, 0.3118,
0.3197

 24.4976, 0.3106,
0.3098

275.3266, 0.3118,
0.3203

 15.7031, 0.3102,
0.3068

329.3192, 0.3119,
0.3208

 9.3143, 0.3097,
0.3027

389.9457, 0.3119,

 4.9468, 0.3089,

0.3213

0.2968

457.5906, 0.3120,
0.3217

■ 2.2161, 0.3075,
0.2876

■ 0.7287, 0.3056,
0.2684

■ 91.4197, 0.3114,
0.3165

■ 91.4197, 0.3114,
0.3165

■ 76.2243, 0.3084,
0.2909

99.9976, 0.3127,
0.3290

■ 63.0863, 0.3047,
0.2642

■ 51.9163, 0.3005,
0.2373

■ 42.6136, 0.2956,
0.2110

■ 35.0687, 0.2901,
0.1864

■ 29.1603, 0.2842,
0.1647

■ 24.7517, 0.2781,
0.1469

■ 21.6835, 0.2719,
0.1337

■ 19.7592, 0.2658,
0.1251

Harmonies

Analogous

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



91.4197, 0.3034, 0.3146



91.4197, 0.3114, 0.3165



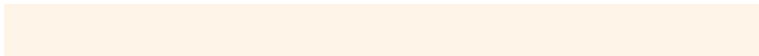
91.4197, 0.3198, 0.3216

Triad

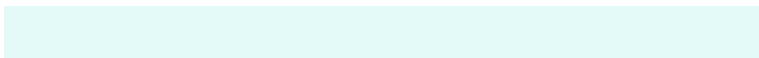
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.4197, 0.3114, 0.3165



91.4197, 0.3276, 0.3414



91.4197, 0.2992, 0.3292

Complementary

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



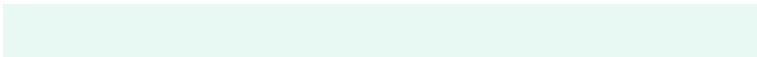
91.4197, 0.3114, 0.3165



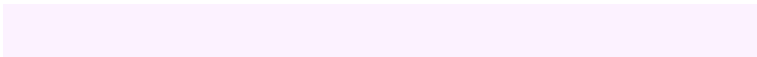
97.3101, 0.3140, 0.3417

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.



91.4197, 0.3056, 0.3366



91.4197, 0.3114, 0.3165



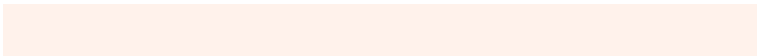
91.4197, 0.3220, 0.3437

Square

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



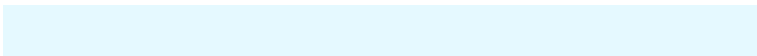
91.4197, 0.3114, 0.3165



91.4197, 0.3293, 0.3359



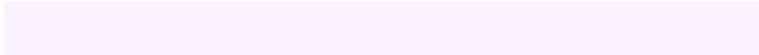
91.4197, 0.3139, 0.3420



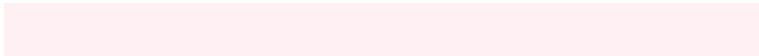
91.4197, 0.2965, 0.3218

Rectangle

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



91.4197, 0.3114, 0.3165



91.4197, 0.3245, 0.3262



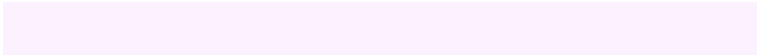
91.4197, 0.3139, 0.3420



91.4197, 0.3010, 0.3318

Sweetspot

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



91.4236, 0.3114, 0.3165



96.5700, 0.3122, 0.3241



91.4175, 0.3049, 0.3192



20.7059, 0.3122, 0.3244



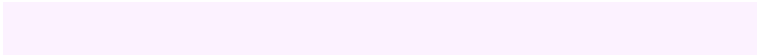
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



91.4236, 0.3114, 0.3165



89.9705, 0.3111, 0.3142



91.7569, 0.3154, 0.3199



19.0337, 0.3110, 0.3126



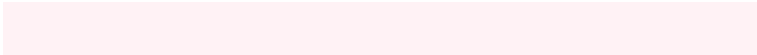
10.0508, 0.2639, 0.1227



1.0270, 0.2707, 0.1265

Inverse Universe

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



91.3493, 0.3194, 0.3262



89.8853, 0.3207, 0.3256



96.9947, 0.3101, 0.3383



19.0140, 0.3216, 0.3253



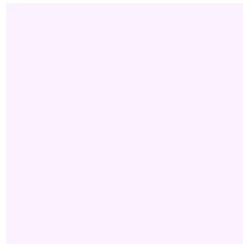
11.2865, 0.6005, 0.3081



1.1147, 0.5696, 0.2912

Previews

White Background



This preview shows how the Yxy color 91.4197, 0.3114, 0.3165 looks on a white background.

Color Contrast Check

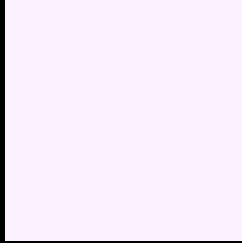
Large Text (above 18pt) WCAG AA × Fail

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 91.4197, 0.3114, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

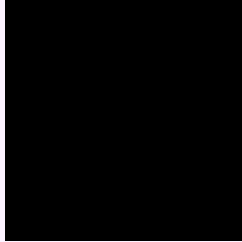
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.4197, 0.3114, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 91.4197, 0.3114, 0.3165.



This preview shows how white text looks on a background with the Yxy color 91.4197, 0.3114, 0.3165.

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

91.4197, 0.3114, 0.3165

Protanopia

91.5142, 0.3075, 0.3183

Deuteranopia

91.1356, 0.3158, 0.3194



Tritanopia

91.6452, 0.3100, 0.3174

Trichromacy



Original Color

91.4197, 0.3114, 0.3165

Protanomaly

91.2776, 0.3088, 0.3173

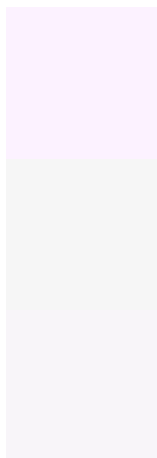
Deuteranomaly

91.0097, 0.3145, 0.3184

Tritanomaly

91.8304, 0.3107, 0.3174

Monochromacy



Original Color

91.4197, 0.3114, 0.3165

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.1008, 0.3123, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4197, 0.3114, 0.3165 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(252, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 242, 255)  
}
```

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(252, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 242, 255) }
```

Border

The CSS property to change the border of an element to Yxy 91.4197, 0.3114, 0.3165 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(252, 242, 255) }
```

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

```
.border{ border-color:rgb(252, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 242,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4197, 0.3114, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 242, 255) }
```

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

```
.background{ background-color: rgb(252,  
242, 255) }
```

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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