

Converting Colors

$Y_{xy}(100.0000, 0.2573, 0.2323)$

Have a look what the booklet for
Yxy(100.0000, 0.2573, 0.2323)
contains.

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Color

Yxy(91.6452, 0.3100, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	FAF3FF
RGB	250, 243, 255
RGB Percent	98%, 95%, 100%
CMY	0.0199, 0.0470, 0.0000
CMYK	0.02, 0.05, 0.00, 0.00
HSL	275°, 100%, 98%
HSV	275°, 5%, 100%
XYZ	89.5085, 91.6452, 107.5835
YIQ	246.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

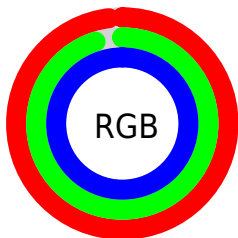
Format	Color
R _Y B	250, 243, 255
Decimal	16446463
CIE Lab	96.68, 4.42, -4.93
CIE LCh	97, 6.627, 311.887
Yxy	91.6452, 0.3100, 0.3174
Android (android.graphics.Color)	4294636543 (0xFFFAF3FF)
YUV	246.4610, 4.2097, 3.1037
Hunter-Lab	95.7315, -0.6334, 0.3817

Details

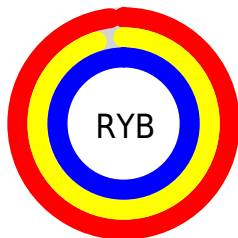
The Yxy color 91.6452, 0.3100, 0.3174 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.9650, 0.3153, 0.3406, and the grayscale version is 92.5126, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.0872, 0.3101, 0.3155 is the 20% darker color. If you saturate the color by 10%, you get 75.4951, 0.3035, 0.2913, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

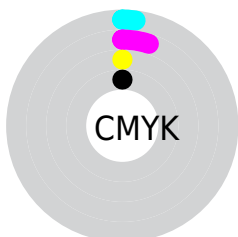
Distribution



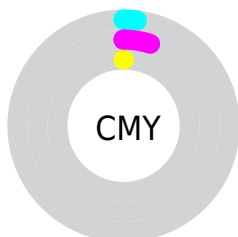
- Red (98%)
- Green (95%)
- Blue (100%)



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



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.6452, 0.3100, 0.3174 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 91.6452, 0.3100, 0.3174 by changing the saturation by 10% instead.


 91.6452, 0.3100,
0.3174

 91.6452, 0.3100,
0.3174


533.3682, 0.3112,
0.3225

 69.3460, 0.3097,
0.3163


149.6216, 0.3104,
0.3191

 50.9935, 0.3094,
0.3149

186.0675, 0.3106,
0.3198

 36.2035, 0.3090,
0.3133


227.9977, 0.3107,
0.3204

 24.5914, 0.3084,
0.3111

275.7968, 0.3109,
0.3209

 15.7729, 0.3077,
0.3084

329.8489, 0.3110,
0.3214

 9.3636, 0.3067,
0.3046

390.5386, 0.3111,

 4.9791, 0.3053,

0.3218

0.2991

458.2503, 0.3111,
0.3222

■ 2.2350, 0.3029,
0.2904

■ 0.7390, 0.2989,
0.2726

■ 91.6452, 0.3100,
0.3174

■ 91.6452, 0.3100,
0.3174

■ 75.4951, 0.3035,
0.2913

100.0000, 0.3127,
0.3290

■ 61.4862, 0.2958,
0.2635

■ 49.5273, 0.2870,
0.2346

■ 39.5164, 0.2771,
0.2056

■ 31.3425, 0.2663,
0.1775

■ 24.8831, 0.2549,
0.1518

■ 20.0001, 0.2434,
0.1299

■ 16.5332, 0.2321,
0.1128

■ 14.2859, 0.2216,
0.1011

Harmonies

Analogous

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



91.6452, 0.3033, 0.3164



91.6452, 0.3100, 0.3174



91.6452, 0.3175, 0.3214

Triad

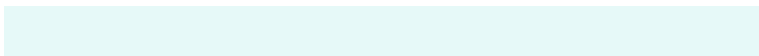
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.6452, 0.3100, 0.3174



91.6452, 0.3264, 0.3391



91.6452, 0.3018, 0.3306

Complementary

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



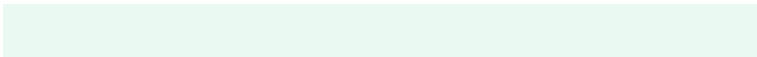
91.6452, 0.3100, 0.3174



97.9650, 0.3153, 0.3406

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.



91.6452, 0.3079, 0.3369



91.6452, 0.3100, 0.3174



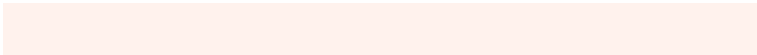
91.6452, 0.3221, 0.3418

Square

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



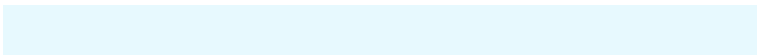
91.6452, 0.3100, 0.3174



91.6452, 0.3270, 0.3338



91.6452, 0.3153, 0.3410



91.6452, 0.2986, 0.3240

Rectangle

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



91.6452, 0.3100, 0.3174



91.6452, 0.3219, 0.3252



91.6452, 0.3153, 0.3410



91.6452, 0.3036, 0.3328

Sweetspot

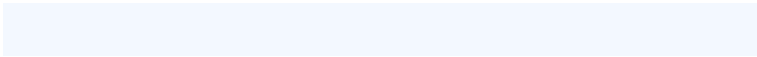
The Sweet Spot groups the original color and five complimentary colors.



91.6487, 0.3100, 0.3174



98.1799, 0.3122, 0.3266



93.5458, 0.3055, 0.3224



21.0337, 0.3122, 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.



91.6487, 0.3100, 0.3174



89.4175, 0.3092, 0.3141



92.5449, 0.3137, 0.3183



18.9029, 0.3088, 0.3124



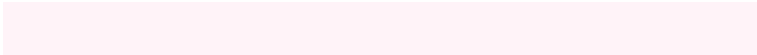
7.1134, 0.2180, 0.0975



0.7570, 0.2293, 0.1037

Inverse Universe

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



92.1590, 0.3174, 0.3241



90.0678, 0.3188, 0.3228



97.1001, 0.3117, 0.3400



19.0570, 0.3195, 0.3221



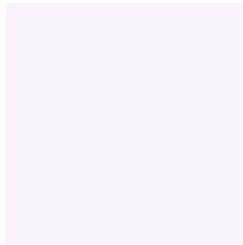
11.7006, 0.5290, 0.2688



1.1605, 0.4998, 0.2527

Previews

White Background



This preview shows how the Yxy color 91.6452, 0.3100, 0.3174 looks on a white background.

Color Contrast Check

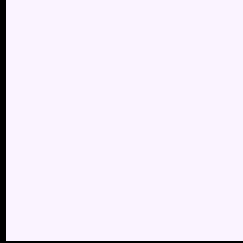
Large Text (above 18pt) WCAG AA × Fail

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 91.6452, 0.3100, 0.3174 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

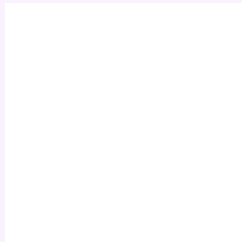
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6452, 0.3100, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 91.6452, 0.3100, 0.3174.

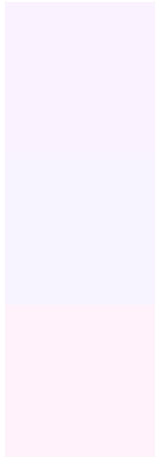


This preview shows how white text looks on a background with the Yxy color 91.6452, 0.3100, 0.3174.

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

91.6452, 0.3100, 0.3174

Protanopia

91.6955, 0.3081, 0.3183

Deuteranopia

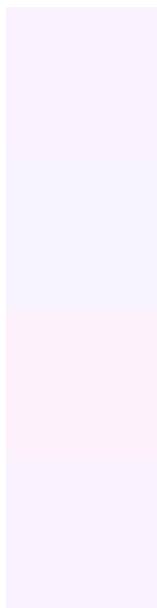
91.7293, 0.3157, 0.3203



Tritanopia

91.4609, 0.3094, 0.3174

Trichromacy



Original Color

91.6452, 0.3100, 0.3174

Protanomaly

91.8778, 0.3087, 0.3183

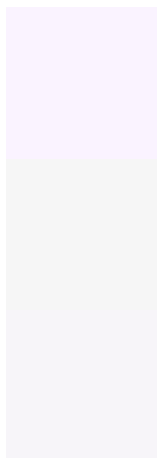
Deuteranomaly

91.4152, 0.3138, 0.3194

Tritanomaly

91.4609, 0.3094, 0.3174

Monochromacy



Original Color

91.6452, 0.3100, 0.3174

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.9185, 0.3116, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6452, 0.3100, 0.3174 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(250, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 243, 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(250, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 243, 255) }
```

Border

The CSS property to change the border of an element to Yxy 91.6452, 0.3100, 0.3174 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(250, 243, 255) }
```

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

```
.border{ border-color:rgb(250, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 243,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6452, 0.3100, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 243, 255) }
```

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

```
.background{ background-color: rgb(250,  
243, 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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