Converting Colors

Yxy(94.9794, 0.3153, 0.3252)

Have a look what the booklet for Yxy(94.9794, 0.3153, 0.3252) contains.

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Color

Yxy(94.7466, 0.3155, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7FB
RGB	255, 247, 251
RGB Percent	100%, 97%, 98%
CMY	0.0000, 0.0314, 0.0158
CMYK	0.00, 0.03, 0.02, 0.00
HSL	330°, 100%, 98%
HSV	330°, 3%, 100%
XYZ	91.9205, 94.7466, 104.6816
YIQ	249.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

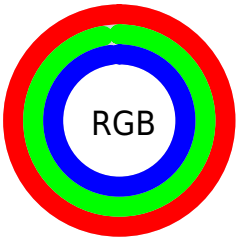
Format	Color
RYB	255, 247, 251
Decimal	16775163
CIELab	97.93, 3.37, -0.96
CIELCh	98, 3.504, 344.112
Yxy	94.7466, 0.3155, 0.3252
Android (android.graphics.Color)	4294965243 (0xFFFFF7FB)
YUV	249.8480, 0.5679, 4.5183
Hunter-Lab	97.3379, -1.7757, 4.3733

Details

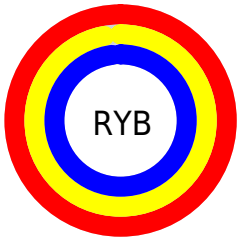
The Yxy color 94.7466, 0.3155, 0.3252 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 98.2604, 0.3100, 0.3328, and the grayscale version is 95.4535, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.2075, 0.3154, 0.3241 is the 20% darker color. If you saturate the color by 10%, you get 79.4156, 0.3254, 0.3126, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

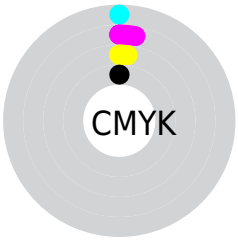
Distribution



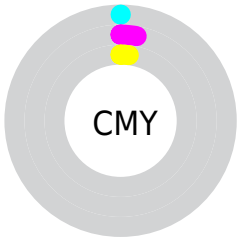
- Red (100%)
- Green (97%)
- Blue (98%)



- Red (100%)
- Yellow (97%)
- Blue (98%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.7466, 0.3155, 0.3252 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 94.7466, 0.3155, 0.3252 by changing the saturation by 10% instead.

94.7466, 0.3155, 0.3252

94.7466, 0.3155, 0.3252

543.3534, 0.3143, 0.3269

71.9241, 0.3158, 0.3248

153.9145, 0.3151, 0.3258

53.0967, 0.3161, 0.3244

191.0286, 0.3149, 0.3260

37.8799, 0.3165, 0.3238

233.6755, 0.3148, 0.3262

25.8895, 0.3170, 0.3231

282.2393, 0.3147, 0.3264

16.7410, 0.3177, 0.3222

337.1047, 0.3145, 0.3265

10.0500, 0.3186, 0.3210

398.6559, 0.3144,

5.4321, 0.3199,

0.3266

467.2773, 0.3144, 0.3268

0.3192

2.5030, 0.3220, 0.3164

0.8781, 0.3257, 0.3112

94.7466, 0.3155, 0.3252

79.4156, 0.3254, 0.3126

66.1893, 0.3375, 0.2994

54.9708, 0.3519, 0.2860

45.6599, 0.3689, 0.2729

94.7466, 0.3155, 0.3252

100.0000, 0.3127, 0.3290

38.1482, 0.3887, 0.2609

32.3160, 0.4111, 0.2513

28.0287, 0.4354, 0.2452

25.1313, 0.4607, 0.2439

23.4351, 0.4855, 0.2482

Harmonies

Analogous

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

94.7466, 0.3116, 0.3230

94.7466, 0.3155, 0.3252

94.7466, 0.3187, 0.3284

Triad

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

94.7466, 0.3155, 0.3252

94.7466, 0.3174, 0.3357

94.7466, 0.3053, 0.3262

Complementary

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

94.7466, 0.3155, 0.3252

98.2604, 0.3100, 0.3328

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.

94.7466, 0.3068, 0.3296

94.7466, 0.3155, 0.3252

94.7466, 0.3138, 0.3351

Square

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

94.7466, 0.3155, 0.3252

94.7466, 0.3198, 0.3345

94.7466, 0.3099, 0.3329

94.7466, 0.3057, 0.3235

Rectangle

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

94.7466, 0.3155, 0.3252

94.7466, 0.3199, 0.3307

94.7466, 0.3099, 0.3329

94.7466, 0.3056, 0.3273

Sweetspot

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

94.7424, 0.3155, 0.3252

98.3013, 0.3136, 0.3278

94.2484, 0.3105, 0.3213

21.0584, 0.3135, 0.3279

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.

94.7424, 0.3155, 0.3252

93.3372, 0.3163, 0.3241

94.4946, 0.3179, 0.3290

19.7182, 0.3170, 0.3232

11.9330, 0.4981, 0.2517

1.1839, 0.4724, 0.2376

Inverse Universe

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

94.7424, 0.3155, 0.3252

93.3372, 0.3163, 0.3241

98.5135, 0.3078, 0.3290

19.7182, 0.3170, 0.3232

11.9330, 0.4981, 0.2517

1.1839, 0.4724, 0.2376

Previews

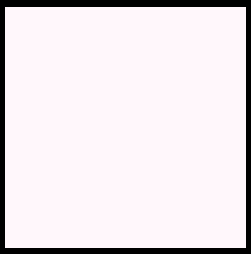
White Background

This preview shows how the Yxy color 94.7466, 0.3155, 0.3252 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



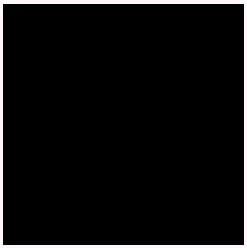
This preview shows how the Yxy color 94.7466, 0.3155, 0.3252 looks on a black background.

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 94.7466, 0.3155, 0.3252 Background



This preview shows how black text looks on a background with the Yxy color 94.7466, 0.3155, 0.3252.

This preview shows how white text looks on a background with the Yxy color 94.7466, 0.3155, 0.3252.

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
94.7466, 0.3155, 0.3252

Protanopia
94.9825, 0.3141, 0.3261

Deuteranopia
94.6837, 0.3160, 0.3261

Tritanopia
95.0503, 0.3111, 0.3223

Trichromacy

Original Color
94.7466, 0.3155, 0.3252

Protanomaly
95.1707, 0.3148, 0.3261

Deuteranomaly
94.6837, 0.3160, 0.3261

Tritanomaly
95.1732, 0.3124, 0.3232

Monochromacy

Original Color
94.7466, 0.3155, 0.3252

Achromatopsia
95.5973, 0.3127, 0.3290

Achromatomaly
95.3489, 0.3140, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7466, 0.3155, 0.3252 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, 247, 251) looks like:

```
.text, #text, p{
    color:rgb(255, 247, 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, 247, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 251) }
```

Border

The CSS property to change the border of an element to Yxy 94.7466, 0.3155, 0.3252 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, 247, 251) }
```

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

```
.border{ border-color:rgb(255, 247, 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, 247, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 247, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 247, 251); box-shadow:4px 4px 4px 4px rgb(255, 247, 251) }
```

Background

The CSS property to change the background color of an element to Yxy 94.7466, 0.3155, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 247, 251) }
```

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

```
.background{ background-color:rgb(255,
247, 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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