

Converting Colors

Yxy(94.5606, 0.3135, 0.3237)

Have a look what the booklet for
Yxy(94.5606, 0.3135, 0.3237)
contains.

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Color

Yxy(94.4960, 0.3130, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	FDF7FD
RGB	253, 247, 253
RGB Percent	99%, 97%, 99%
CMY	0.0077, 0.0314, 0.0077
CMYK	0.00, 0.02, 0.00, 0.01
HSL	300°, 61%, 98%
HSV	300°, 2%, 99%
XYZ	91.5138, 94.4960, 106.3665
YIQ	249.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

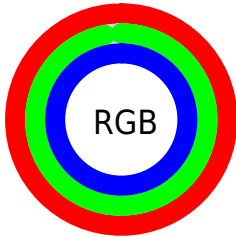
Format	Color
R _Y B	253, 247, 253
Decimal	16644093
CIE Lab	97.83, 3.07, -2.19
CIE LCh	98, 3.771, 324.574
Yxy	94.4960, 0.3130, 0.3232
Android (android.graphics.Color)	4294834173 (0xFFFD7FD)
YUV	249.4780, 1.7363, 3.0888
Hunter-Lab	97.2091, -2.0738, 3.1710

Details

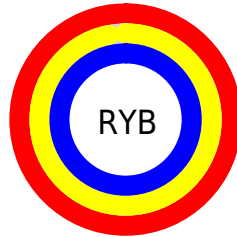
The Yxy color 94.4960, 0.3130, 0.3232 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.7679, 0.3124, 0.3349, and the grayscale version is 95.1381, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.9829, 0.3130, 0.3229 is the 20% darker color. If you saturate the color by 10%, you get 80.0553, 0.3142, 0.2985, and if you desaturate by 10%, it is 99.5099, 0.3126, 0.3308.

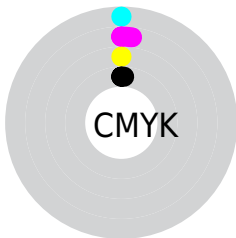
Distribution



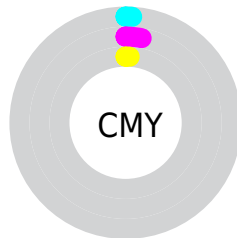
- Red (99%)
- Green (97%)
- Blue (99%)



- Red (99%)
- Yellow (97%)
- Blue (99%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.4960, 0.3130, 0.3232 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 94.4960, 0.3130, 0.3232 by changing the saturation by 10% instead.

 94.4960, 0.3130,
0.3232

 94.4960, 0.3130,
0.3232

542.5502, 0.3129,
0.3258

 71.7156, 0.3130,
0.3226

153.5681, 0.3130,
0.3241

 52.9264, 0.3131,
0.3220


190.6286, 0.3129,
0.3244

 37.7440, 0.3131,
0.3211


233.2179, 0.3129,
0.3247

 25.7840, 0.3131,
0.3201

281.7204, 0.3129,
0.3250

 16.6622, 0.3132,
0.3187

336.5205, 0.3129,
0.3252

 9.9939, 0.3133,
0.3168

398.0025, 0.3129,

 5.3949, 0.3134,

0.3254

0.3141

466.5510, 0.3129,
0.3256

■ 2.4808, 0.3135,
0.3098

■ 0.8670, 0.3137,
0.3021

■ 94.4960, 0.3130,
0.3232

■ 94.4960, 0.3130,
0.3232

■ 80.0553, 0.3142,
0.2985

■ 99.5099, 0.3126,
0.3308

■ 67.6267, 0.3155,
0.2733

■ 99.5149, 0.3125,
0.3307

■ 57.1245, 0.3167,
0.2485

■ 99.5198, 0.3125,
0.3307

■ 48.4524, 0.3179,
0.2250

■ 99.5248, 0.3125,
0.3306

41.5056, 0.3190,
0.2038

99.5297, 0.3124,
0.3305

36.1688, 0.3199,
0.1857

99.5347, 0.3124,
0.3304

32.3128, 0.3207,
0.1717

99.5397, 0.3123,
0.3304

29.7882, 0.3212,
0.1619

99.5446, 0.3123,
0.3303

28.4146, 0.3215,
0.1565

99.5496, 0.3122,
0.3302

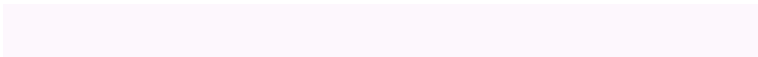
Harmonies

Analogous

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



94.4960, 0.3089, 0.3219



94.4960, 0.3130, 0.3232



94.4960, 0.3170, 0.3260

Triad

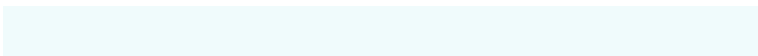
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.4960, 0.3130, 0.3232



94.4960, 0.3196, 0.3356



94.4960, 0.3056, 0.3283

Complementary

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



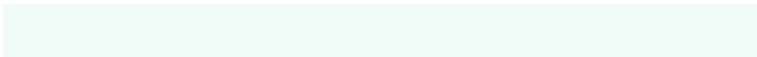
94.4960, 0.3130, 0.3232



96.7679, 0.3124, 0.3349

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.



94.4960, 0.3084, 0.3320



94.4960, 0.3130, 0.3232



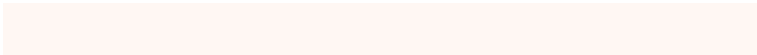
94.4960, 0.3165, 0.3362

Square

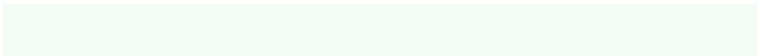
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



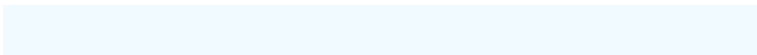
94.4960, 0.3130, 0.3232



94.4960, 0.3209, 0.3331



94.4960, 0.3124, 0.3349



94.4960, 0.3046, 0.3248

Rectangle

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



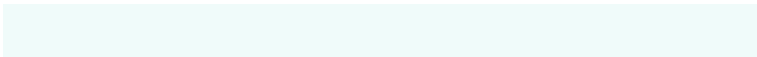
94.4960, 0.3130, 0.3232



94.4960, 0.3192, 0.3284



94.4960, 0.3124, 0.3349



94.4960, 0.3063, 0.3296

Sweetspot

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



94.5001, 0.3130, 0.3232



98.3833, 0.3128, 0.3266



93.3822, 0.3092, 0.3231



21.0751, 0.3128, 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.



94.5001, 0.3130, 0.3232



95.2143, 0.3131, 0.3217



94.3097, 0.3148, 0.3261



20.1130, 0.3132, 0.3198



14.8556, 0.3217, 0.1546



1.4467, 0.3216, 0.1545

Inverse Universe

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



94.5001, 0.3130, 0.3232



95.2143, 0.3131, 0.3217



96.9553, 0.3107, 0.3319



20.1130, 0.3132, 0.3198



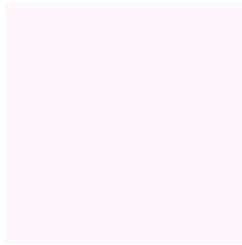
14.8556, 0.3217, 0.1546



1.4467, 0.3216, 0.1545

Previews

White Background



This preview shows how the Yxy color 94.4960, 0.3130, 0.3232 looks on a white background.

Color Contrast Check

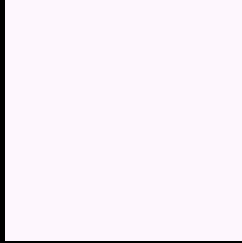
Large Text (above 18pt) WCAG AA × Fail

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 94.4960, 0.3130, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

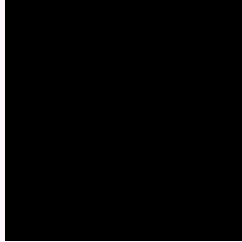
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.4960, 0.3130, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 94.4960, 0.3130, 0.3232.



This preview shows how white text looks on a background with the Yxy color 94.4960, 0.3130, 0.3232.

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

94.4960, 0.3130, 0.3232

Protanopia

94.3088, 0.3124, 0.3232

Deuteranopia

94.6837, 0.3160, 0.3261

Tritanopia

94.2508, 0.3105, 0.3213

Trichromacy



Original Color

94.4960, 0.3130, 0.3232

Protanomaly

94.3088, 0.3124, 0.3232

Deuteranomaly

94.5574, 0.3148, 0.3252

Tritanomaly

94.3727, 0.3118, 0.3223

Monochromacy



Original Color

94.4960, 0.3130, 0.3232



Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.3609, 0.3128, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.4960, 0.3130, 0.3232 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(253, 247, 253)` looks like.

```
.text, #text, p{  
    color:rgb(253, 247, 253)  
}
```

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(253, 247, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 247, 253) }
```

Border

The CSS property to change the border of an element to Yxy 94.4960, 0.3130, 0.3232 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(253, 247, 253) }
```

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

```
.border{ border-color:rgb(253, 247, 253) }
```

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

Here you see how a box with a 4 pixel rgb(253, 247, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 247, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 247, 253);  
box-shadow:4px 4px 4px 4px rgb(253, 247,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 94.4960, 0.3130, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 247, 253) }
```

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

```
.background{ background-color: rgb(253,  
247, 253) }
```

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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