

Converting Colors

$Y_{xy}(100.0000, 0.2719, 0.2556)$

Have a look what the booklet for
Yxy(100.0000, 0.2719, 0.2556)
contains.

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Color

Yxy(94.2024, 0.3125, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	FEF6FF
RGB	254, 246, 255
RGB Percent	100%, 96%, 100%
CMY	0.0039, 0.0353, 0.0001
CMYK	0.00, 0.04, 0.00, 0.00
HSL	294°, 100%, 98%
HSV	294°, 4%, 100%
XYZ	91.8797, 94.2024, 107.9329
YIQ	249.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 246, 255
Decimal	16709375
CIE Lab	97.71, 4.24, -3.36
CIE LCh	98, 5.408, 321.607
Yxy	94.2024, 0.3125, 0.3204
Android (android.graphics.Color)	4294899455 (0xFFFEF6FF)
YUV	249.4180, 2.7519, 4.0184
Hunter-Lab	97.0579, -0.8747, 2.0073

Details

The Yxy color 94.2024, 0.3125, 0.3204 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.9333, 0.3129, 0.3377, and the grayscale version is 95.0722, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.7744, 0.3124, 0.3193 is the 20% darker color. If you saturate the color by 10%, you get 79.2285, 0.3117, 0.2952, and if you desaturate by 10%, it is 99.9990, 0.3127, 0.3290.

Distribution



- Red (100%)
- Green (96%)
- Blue (100%)



- Red (100%)
- Yellow (96%)
- Blue (100%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.2024, 0.3125, 0.3204 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 94.2024, 0.3125, 0.3204 by changing the saturation by 10% instead.

 94.2024, 0.3125,
0.3204

 94.2024, 0.3125,
0.3204


541.6084, 0.3126,
0.3242

 71.4713, 0.3125,
0.3196


153.1622, 0.3125,
0.3217

 52.7269, 0.3124,
0.3186


190.1598, 0.3126,
0.3222

 37.5848, 0.3124,
0.3174


232.6816, 0.3126,
0.3226

 25.6606, 0.3123,
0.3158


281.1120, 0.3126,
0.3230

 16.5699, 0.3123,
0.3138

335.8355, 0.3126,
0.3234

 9.9283, 0.3121,
0.3110

397.2365, 0.3126,

 5.3515, 0.3120,

0.3237

0.3070

465.6993, 0.3126,
0.3239

■ 2.4549, 0.3116,
0.3008

■ 0.8539, 0.3109,
0.2895

■ 94.2024, 0.3125,
0.3204

■ 94.2024, 0.3125,
0.3204

■ 79.2285, 0.3117,
0.2952

99.9990, 0.3127,
0.3290

■ 66.3009, 0.3106,
0.2694

■ 55.3317, 0.3093,
0.2436

■ 46.2218, 0.3075,
0.2188

■ 38.8633, 0.3055,
0.1959

■ 33.1373, 0.3032,
0.1761

■ 28.9100, 0.3006,
0.1602

■ 26.0266, 0.2979,
0.1487

■ 24.2981, 0.2951,
0.1417

Harmonies

Analogous

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



94.2024, 0.3067, 0.3188



94.2024, 0.3125, 0.3204



94.2024, 0.3184, 0.3243

Triad

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



94.2024, 0.3125, 0.3204



94.2024, 0.3230, 0.3382



94.2024, 0.3027, 0.3285

Complementary

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



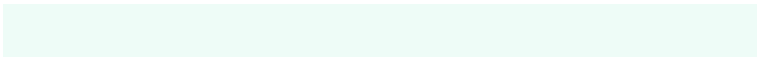
94.2024, 0.3125, 0.3204



97.9333, 0.3129, 0.3377

Split Complementary

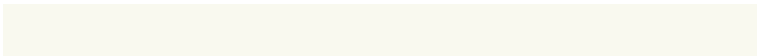
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.2024, 0.3070, 0.3338



94.2024, 0.3125, 0.3204



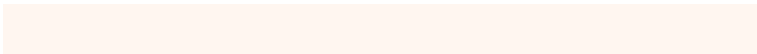
94.2024, 0.3187, 0.3394

Square

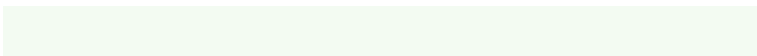
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



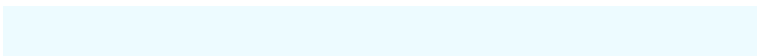
94.2024, 0.3125, 0.3204



94.2024, 0.3245, 0.3345



94.2024, 0.3129, 0.3379



94.2024, 0.3011, 0.3234

Rectangle

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



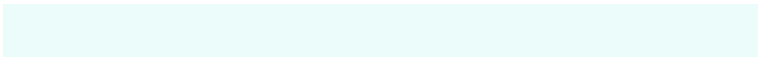
94.2024, 0.3125, 0.3204



94.2024, 0.3216, 0.3276



94.2024, 0.3129, 0.3379



94.2024, 0.3039, 0.3304

Sweetspot

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



94.2065, 0.3125, 0.3204



98.3316, 0.3127, 0.3266



93.3658, 0.3074, 0.3213



21.0646, 0.3127, 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.



94.2065, 0.3125, 0.3204



93.4554, 0.3125, 0.3192



94.1703, 0.3152, 0.3237



19.7481, 0.3124, 0.3174



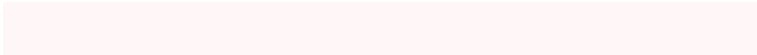
12.3836, 0.2938, 0.1392



1.2331, 0.2970, 0.1410

Inverse Universe

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



93.8849, 0.3179, 0.3281



93.0917, 0.3187, 0.3280



97.9707, 0.3103, 0.3344



19.6562, 0.3198, 0.3278



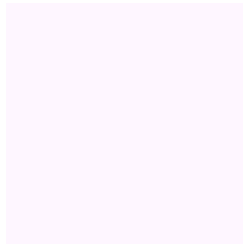
11.1617, 0.6276, 0.3231



1.0967, 0.6051, 0.3107

Previews

White Background



This preview shows how the Yxy color 94.2024, 0.3125, 0.3204 looks on a white background.

Color Contrast Check

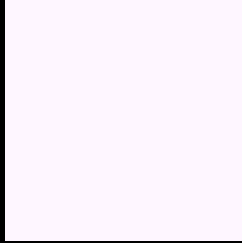
Large Text (above 18pt) WCAG AA × Fail

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 94.2024, 0.3125, 0.3204 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 94.2024, 0.3125, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 94.2024, 0.3125, 0.3204.



This preview shows how white text looks on a background with the Yxy color 94.2024, 0.3125, 0.3204.

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

94.2024, 0.3125, 0.3204

Protanopia

94.0655, 0.3099, 0.3213

Deuteranopia

94.1366, 0.3155, 0.3242

Tritanopia

94.2508, 0.3105, 0.3213

Trichromacy



Original Color

94.2024, 0.3125, 0.3204

Protanomaly

94.2508, 0.3105, 0.3213

Deuteranomaly

94.1998, 0.3149, 0.3233

Tritanomaly

94.4370, 0.3112, 0.3213

Monochromacy



Original Color

94.2024, 0.3125, 0.3204

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.6091, 0.3129, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.2024, 0.3125, 0.3204 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(254, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 246, 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(254, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 246, 255) }
```

Border

The CSS property to change the border of an element to Yxy 94.2024, 0.3125, 0.3204 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(254, 246, 255) }
```

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

```
.border{ border-color:rgb(254, 246, 255) }
```

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

Here you see how a box with a 4 pixel rgb(254, 246, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 246,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 94.2024, 0.3125, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 246, 255) }
```

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

```
.background{ background-color: rgb(254,  
246, 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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