

Converting Colors

$Y_{xy}(100.0000, 0.3243, 0.3316)$

Have a look what the booklet for
Yxy(100.0000, 0.3243, 0.3316)
contains.

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Color

Yxy(97.7204, 0.3164, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCF9
RGB	255, 252, 249
RGB Percent	100%, 99%, 98%
CMY	0.0000, 0.0118, 0.0236
CMYK	0.00, 0.01, 0.02, 0.00
HSL	30°, 100%, 99%
HSV	30°, 2%, 100%
XYZ	93.1568, 97.7204, 103.5501
YIQ	252.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 255, 249
Decimal	16776441
CIE Lab	99.11, 0.49, 1.79
CIE LCh	99, 1.855, 74.625
Yxy	97.7204, 0.3164, 0.3319
Android (android.graphics.Color)	4294966521 (0xFFFFFCF9)
YUV	252.5550, -1.7526, 2.1443
Hunter-Lab	98.8536, -4.7807, 7.0907

Details

The Yxy color 97.7204, 0.3164, 0.3319 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.9597, 0.3091, 0.3261, and the grayscale version is 97.8414, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.8862, 0.3166, 0.3314 is the 20% darker color. If you saturate the color by 10%, you get 88.5176, 0.3332, 0.3447, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

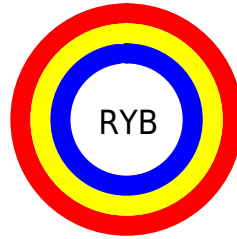
Distribution



Red (100%)

Green (99%)

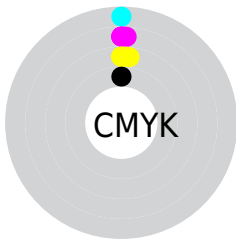
Blue (98%)



Red (100%)

Yellow (100%)

Blue (98%)



Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (1%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.7204, 0.3164, 0.3319 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 97.7204, 0.3164, 0.3319 by changing the saturation by 10% instead.


 97.7204, 0.3164,
0.3319

 97.7204, 0.3164,
0.3319


552.8379, 0.3148,
0.3306

 74.4012, 0.3167,
0.3322

158.0176, 0.3159,
0.3315

 55.1225, 0.3172,
0.3325


195.7645, 0.3156,
0.3313

 39.4998, 0.3177,
0.3329


239.0894, 0.3155,
0.3312

 27.1488, 0.3184,
0.3334

288.3767, 0.3153,
0.3310

 17.6850, 0.3192,
0.3341

344.0108, 0.3151,
0.3309

 10.7241, 0.3204,
0.3350

406.3761, 0.3150,

 5.8816, 0.3221,

0.3308

475.8570, 0.3149,
0.3307

0.3363

■ 2.7732, 0.3248,
0.3384

■ 1.0145, 0.3296,
0.3421

■ 97.7204, 0.3164,
0.3319

■ 97.7204, 0.3164,
0.3319

■ 88.5176, 0.3332,
0.3447

100.0000, 0.3127,
0.3290

■ 80.0491, 0.3524,
0.3581

■ 72.2912, 0.3742,
0.3718

■ 65.2229, 0.3983,
0.3853

■ 58.8221, 0.4246,
0.3977

■ 53.0651, 0.4522,
0.4079

■ 47.9264, 0.4799,
0.4146

■ 43.3780, 0.5059,
0.4166

■ 39.3878, 0.5285,
0.4130

Harmonies

Analogous

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



97.7204, 0.3167, 0.3305



97.7204, 0.3164, 0.3319



97.7204, 0.3152, 0.3325

Triad

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



97.7204, 0.3164, 0.3319



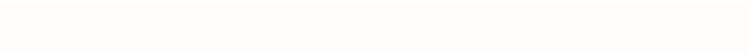
97.7204, 0.3096, 0.3293



97.7204, 0.3122, 0.3259

Complementary

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



97.7204, 0.3164, 0.3319



96.9597, 0.3091, 0.3261

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.



97.7204, 0.3103, 0.3255



97.7204, 0.3164, 0.3319



97.7204, 0.3088, 0.3275

Square

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



97.7204, 0.3164, 0.3319



97.7204, 0.3112, 0.3310



97.7204, 0.3091, 0.3261



97.7204, 0.3142, 0.3270

Rectangle

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



97.7204, 0.3164, 0.3319



97.7204, 0.3139, 0.3324



97.7204, 0.3091, 0.3261



97.7204, 0.3115, 0.3257

Sweetspot

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



97.7165, 0.3164, 0.3319



99.0289, 0.3142, 0.3302



96.0213, 0.3148, 0.3261



21.2065, 0.3142, 0.3302



0.0000, 0.0000, 0.0000



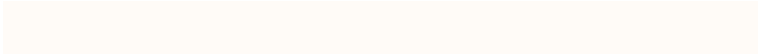
21.4041, 0.3127, 0.3290

Same Dimension

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



97.7165, 0.3164, 0.3319



97.1094, 0.3174, 0.3327



99.6178, 0.3162, 0.3348



20.6225, 0.3187, 0.3337



19.4688, 0.5405, 0.4090



2.1141, 0.5230, 0.4229

Inverse Universe

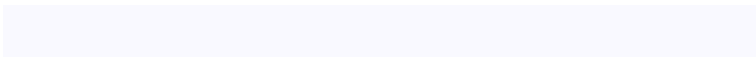
The Inverse Universe completely reimagines the original color for something new.



96.9597, 0.3091, 0.3261



96.1530, 0.3081, 0.3253



95.0885, 0.3092, 0.3232



20.3645, 0.3069, 0.3243



12.0079, 0.1769, 0.1568



1.3875, 0.1826, 0.1774

Previews

White Background



This preview shows how the Yxy color 97.7204, 0.3164, 0.3319 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 97.7204, 0.3164, 0.3319 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 97.7204, 0.3164, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 97.7204, 0.3164, 0.3319.



This preview shows how white text looks on a background with the Yxy color 97.7204, 0.3164, 0.3319.

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

97.7204, 0.3164, 0.3319

Protanopia

97.8458, 0.3152, 0.3300

Deuteranopia

97.9091, 0.3146, 0.3290

Tritanopia

97.7235, 0.3116, 0.3261

Trichromacy

Original Color

97.7204, 0.3164, 0.3319

Protanomaly

97.7829, 0.3158, 0.3309

Deuteranomaly

97.8458, 0.3152, 0.3300

Tritanomaly

97.7835, 0.3134, 0.3280

Monochromacy

Original Color

97.7204, 0.3164, 0.3319

Achromatopsia

98.2251, 0.3127, 0.3290

Achromatomaly

98.3497, 0.3139, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.7204, 0.3164, 0.3319 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, 252, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 249)  
}
```

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, 252, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 249) }
```

Border

The CSS property to change the border of an element to Yxy 97.7204, 0.3164, 0.3319 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, 252, 249) }
```

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

```
.border{ border-color:rgb(255, 252, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 97.7204, 0.3164, 0.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 249) }
```

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

```
.background{ background-color: rgb(255,  
252, 249) }
```

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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