

Converting Colors

$Y_{xy}(100.0000, 0.3322, 0.3405)$

Have a look what the booklet for
Yxy(100.0000, 0.3322, 0.3405)
contains.

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Color

Yxy(97.1128, 0.3223, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCEF
RGB	255, 252, 239
RGB Percent	100%, 99%, 94%
CMY	0.0000, 0.0117, 0.0629
CMYK	0.00, 0.01, 0.06, 0.00
HSL	49°, 100%, 97%
HSV	49°, 6%, 100%
XYZ	91.6260, 97.1128, 95.5492
YIQ	251.4150, 5.9610, -3.4070

Conversions

Conversions Part 2

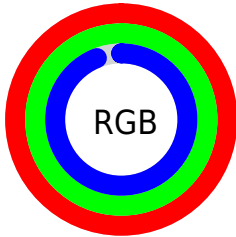
Format	Color
R _Y B	243, 255, 239
Decimal	16776431
CIE Lab	98.87, -1.21, 6.58
CIE LCh	99, 6.689, 100.448
Yxy	97.1128, 0.3223, 0.3416
Android (android.graphics.Color)	4294966511 (0xFFFFFCEF)
YUV	251.4150, -6.1206, 3.1440
Hunter-Lab	98.5458, -6.4893, 11.4950

Details

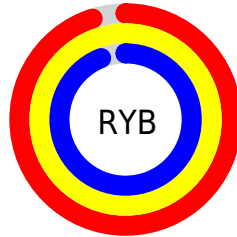
The Yxy color 97.1128, 0.3223, 0.3416 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.0433, 0.3031, 0.3161, and the grayscale version is 96.8815, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.4549, 0.3242, 0.3438 is the 20% darker color. If you saturate the color by 10%, you get 92.7647, 0.3385, 0.3623, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

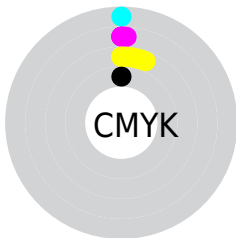
Distribution



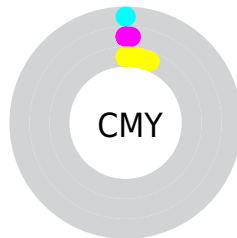
- Red (100%)
- Green (99%)
- Blue (94%)



- Red (95%)
- Yellow (100%)
- Blue (94%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.1128, 0.3223, 0.3416 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 97.1128, 0.3223, 0.3416 by changing the saturation by 10% instead.


 97.1128, 0.3223,
0.3416

 97.1128, 0.3223,
0.3416


550.9070, 0.3181,
0.3361

 73.8947, 0.3232,
0.3428

157.1803, 0.3209,
0.3397

 54.7079, 0.3243,
0.3443


194.7985, 0.3203,
0.3390

 39.1679, 0.3257,
0.3461


237.9856, 0.3198,
0.3383

 26.8903, 0.3274,
0.3484


287.1258, 0.3194,
0.3378

 17.4909, 0.3296,
0.3514

342.6037, 0.3190,
0.3373

 10.5851, 0.3327,
0.3555

404.8036, 0.3187,

 5.7886, 0.3371,

0.3368

0.3614

474.1099, 0.3184,
0.3364

■ 2.7170, 0.3440,
0.3708

■ 0.9858, 0.3621,
0.3942

■ 97.1128, 0.3223,
0.3416

■ 97.1128, 0.3223,
0.3416

■ 92.7647, 0.3385,
0.3623

100.0000, 0.3127,
0.3290

■ 88.6905, 0.3555,
0.3835

■ 84.8843, 0.3731,
0.4045

■ 81.3353, 0.3908,
0.4244

■ 78.0317, 0.4078,
0.4423

■ 74.9607, 0.4234,
0.4571

■ 72.1077, 0.4368,
0.4678

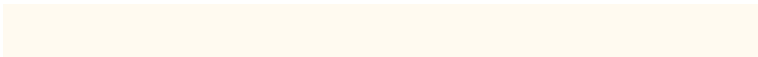
■ 69.4556, 0.4474,
0.4739

■ 66.9835, 0.4551,
0.4752

Harmonies

Analogous

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



97.1128, 0.3264, 0.3388



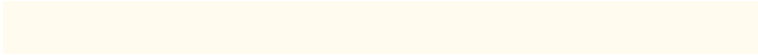
97.1128, 0.3223, 0.3416



97.1128, 0.3156, 0.3410

Triad

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



97.1128, 0.3223, 0.3416



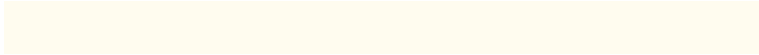
97.1128, 0.2988, 0.3243



97.1128, 0.3171, 0.3212

Complementary

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



97.1128, 0.3223, 0.3416



89.0433, 0.3031, 0.3161

Split Complementary

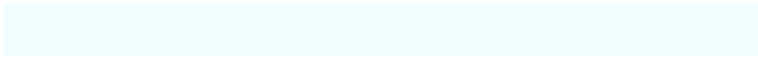
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.1128, 0.3097, 0.3174



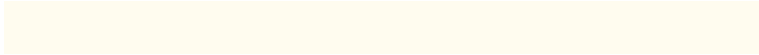
97.1128, 0.3223, 0.3416



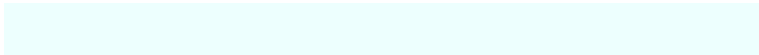
97.1128, 0.2992, 0.3191

Square

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



97.1128, 0.3223, 0.3416



97.1128, 0.3021, 0.3309



97.1128, 0.3031, 0.3166



97.1128, 0.3234, 0.3270

Rectangle

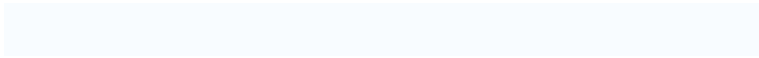
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.1128, 0.3223, 0.3416



97.1128, 0.3107, 0.3387



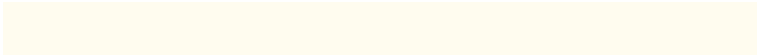
97.1128, 0.3031, 0.3166



97.1128, 0.3146, 0.3196

Sweetspot

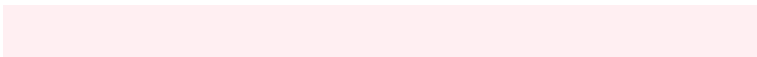
The Sweet Spot groups the original color and five complimentary colors.



97.1169, 0.3223, 0.3416



99.0705, 0.3157, 0.3330



89.3944, 0.3214, 0.3259



21.2150, 0.3156, 0.3328



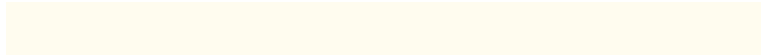
0.0000, 0.0000, 0.0000



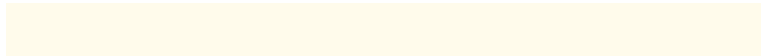
21.4041, 0.3127, 0.3290

Same Dimension

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



97.1169, 0.3223, 0.3416



96.3515, 0.3250, 0.3451



98.1091, 0.3190, 0.3446



20.4807, 0.3274, 0.3482



34.7455, 0.4567, 0.4756



3.5252, 0.4517, 0.4796

Inverse Universe

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



89.0433, 0.3031, 0.3161



86.1991, 0.3003, 0.3124



88.1263, 0.3062, 0.3132



17.9257, 0.2979, 0.3091



5.0144, 0.1548, 0.0772



0.6276, 0.1599, 0.0957

Previews

White Background



This preview shows how the Yxy color 97.1128, 0.3223, 0.3416 looks on a white background.

Color Contrast Check

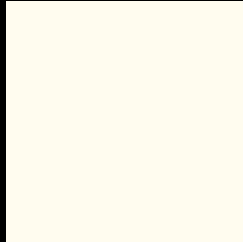
Large Text (above 18pt) WCAG AA × Fail

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 97.1128, 0.3223, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

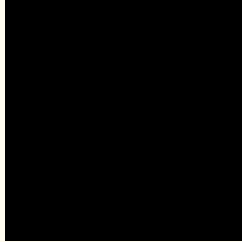
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.1128, 0.3223, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 97.1128, 0.3223, 0.3416.



This preview shows how white text looks on a background with the Yxy color 97.1128, 0.3223, 0.3416.

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

A vertical bar on the left side of the page is divided into three colored sections: a yellow top section, a light orange middle section, and a light blue bottom section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

Original Color

97.1128, 0.3223, 0.3416

Protanopia

96.9082, 0.3182, 0.3338

Deuteranopia

97.2194, 0.3152, 0.3290

Tritanopia

97.0970, 0.3116, 0.3252

Trichromacy



Original Color

97.1128, 0.3223, 0.3416

Protanomaly

96.7254, 0.3200, 0.3367

Deuteranomaly

96.9698, 0.3176, 0.3329

Tritanomaly

96.9047, 0.3158, 0.3309

Monochromacy



Original Color

97.1128, 0.3223, 0.3416



Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.4052, 0.3157, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.1128, 0.3223, 0.3416 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 239) }
```

Border

The CSS property to change the border of an element to Yxy 97.1128, 0.3223, 0.3416 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, 239) }
```

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

```
.border{ border-color:rgb(255, 252, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 97.1128, 0.3223, 0.3416 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, 239) }
```

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

```
.background{ background-color: rgb(255,  
252, 239) }
```

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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