

Converting Colors

$Y_{xy}(100.0000, 0.3267, 0.3412)$

Have a look what the booklet for
Yxy(100.0000, 0.3267, 0.3412)
contains.

Yxy(98.4945, 0.3209, 0.3415)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(98.4945, 0.3209, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEF1
RGB	255, 254, 241
RGB Percent	100%, 100%, 95%
CMY	0.0001, 0.0039, 0.0548
CMYK	0.00, 0.00, 0.05, 0.00
HSL	56°, 100%, 97%
HSV	56°, 5%, 100%
XYZ	92.5531, 98.4945, 97.3697
YIQ	252.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

Format	Color
R_{YB}	242, 255, 241
Decimal	16776945
CIE Lab	99.41, -1.89, 6.30
CIE LCh	99, 6.582, 106.688
Yxy	98.4945, 0.3209, 0.3415
Android (android.graphics.Color)	4294967025 (0xFFFFFEF1)
YUV	252.8170, -5.8258, 1.9145
Hunter-Lab	99.2444, -7.2126, 11.3011

Details

The Yxy color 98.4945, 0.3209, 0.3415 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.4158, 0.3044, 0.3162, and the grayscale version is 98.1117, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.4411, 0.3224, 0.3437 is the 20% darker color. If you saturate the color by 10%, you get 95.9747, 0.3364, 0.3650, and if you desaturate by 10%, it is 99.9943, 0.3127, 0.3290.

Distribution



- Red (100%)
- Green (100%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 98.4945, 0.3209, 0.3415 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 98.4945, 0.3209, 0.3415 by changing the saturation by 10% instead.


 98.4945, 0.3209,
0.3415

 98.4945, 0.3209,
0.3415


555.2928, 0.3173,
0.3360

 75.0468, 0.3217,
0.3427


159.0837, 0.3197,
0.3396

 55.6513, 0.3226,
0.3441


196.9940, 0.3192,
0.3389

 39.9234, 0.3238,
0.3459


240.4940, 0.3188,
0.3383

 27.4788, 0.3252,
0.3482

289.9680, 0.3184,
0.3377

 17.9332, 0.3271,
0.3512

345.8005, 0.3181,
0.3372

 10.9020, 0.3297,
0.3552

408.3759, 0.3178,

 6.0010, 0.3333,

0.3368

0.3611

478.0785, 0.3176,
0.3364

■ 2.8457, 0.3390,
0.3703

■ 1.0517, 0.3521,
0.3903

■ 98.4945, 0.3209,
0.3415

■ 98.4945, 0.3209,
0.3415

■ 95.9747, 0.3364,
0.3650

99.9943, 0.3127,
0.3290

■ 93.6653, 0.3523,
0.3889

■ 91.5609, 0.3683,
0.4123

■ 89.6515, 0.3836,
0.4344

■ 87.9260, 0.3976,
0.4542

■ 86.3720, 0.4098,
0.4706

■ 84.9757, 0.4195,
0.4830

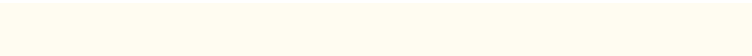
■ 83.7208, 0.4265,
0.4909

■ 82.5874, 0.4308,
0.4945

Harmonies

Analogous

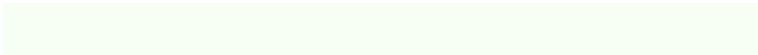
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98.4945, 0.3256, 0.3394



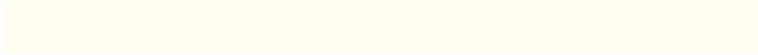
98.4945, 0.3209, 0.3415



98.4945, 0.3141, 0.3402

Triad

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



98.4945, 0.3209, 0.3415



98.4945, 0.2989, 0.3232



98.4945, 0.3184, 0.3224

Complementary

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



98.4945, 0.3209, 0.3415



89.4158, 0.3044, 0.3162

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.



98.4945, 0.3112, 0.3182



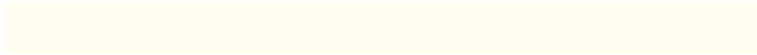
98.4945, 0.3209, 0.3415



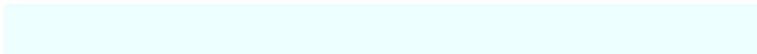
98.4945, 0.3000, 0.3186

Square

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



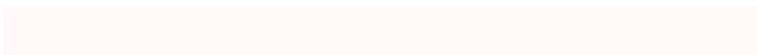
98.4945, 0.3209, 0.3415



98.4945, 0.3014, 0.3295



98.4945, 0.3045, 0.3168



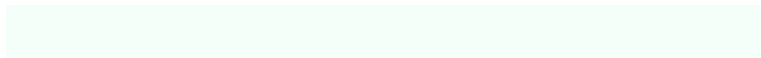
98.4945, 0.3241, 0.3284

Rectangle

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



98.4945, 0.3209, 0.3415



98.4945, 0.3092, 0.3375



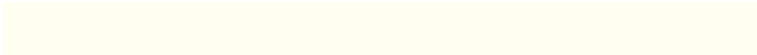
98.4945, 0.3045, 0.3168



98.4945, 0.3161, 0.3208

Sweetspot

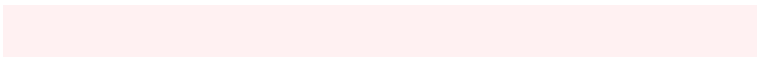
The Sweet Spot groups the original color and five complimentary colors.



98.4988, 0.3209, 0.3415



99.4528, 0.3157, 0.3335



90.6011, 0.3212, 0.3279



21.2928, 0.3155, 0.3333



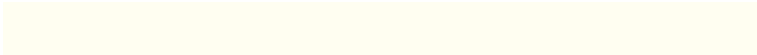
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



98.4988, 0.3209, 0.3415



98.1244, 0.3232, 0.3451



98.0222, 0.3172, 0.3426



20.9691, 0.3242, 0.3465



43.0016, 0.4319, 0.4953



4.2484, 0.4303, 0.4965

Inverse Universe

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



89.4158, 0.3044, 0.3162



86.6177, 0.3019, 0.3124



89.8870, 0.3081, 0.3154



18.3049, 0.3010, 0.3109



4.0635, 0.1512, 0.0641



0.4623, 0.1538, 0.0736

Previews

White Background



This preview shows how the Yxy color 98.4945, 0.3209, 0.3415 looks on a white background.

Color Contrast Check

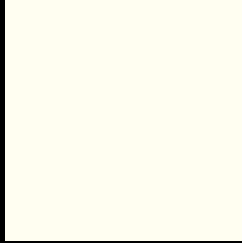
Large Text (above 18pt) WCAG AA × Fail

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 98.4945, 0.3209, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

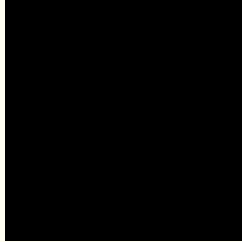
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.4945, 0.3209, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 98.4945, 0.3209, 0.3415.

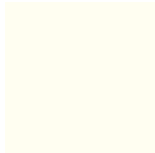


This preview shows how white text looks on a background with the Yxy color 98.4945, 0.3209, 0.3415.

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

98.4945, 0.3209, 0.3415



Protanopia

98.4127, 0.3157, 0.3319



Deuteranopia

98.6024, 0.3140, 0.3290

Tritanopia

98.5414, 0.3122, 0.3271

Trichromacy

Original Color

98.4945, 0.3209, 0.3415

Protanomaly

98.2260, 0.3175, 0.3348

Deuteranomaly

98.3501, 0.3163, 0.3328

Tritanomaly

98.2235, 0.3151, 0.3319

Monochromacy

Original Color

98.4945, 0.3209, 0.3415

Achromatopsia

98.2251, 0.3127, 0.3290

Achromatomaly

98.1609, 0.3157, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.4945, 0.3209, 0.3415 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, 254, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 241)  
}
```

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, 254, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 241) }
```

Border

The CSS property to change the border of an element to Yxy 98.4945, 0.3209, 0.3415 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, 254, 241) }
```

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

```
.border{ border-color:rgb(255, 254, 241) }
```

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

Here you see how a box with a 4 pixel rgb(255, 254, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 98.4945, 0.3209, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 241) }
```

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

```
.background{ background-color: rgb(255,  
254, 241) }
```

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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