

Converting Colors

Yxy(98.7732, 0.3204, 0.3410)

Have a look what the booklet for
Yxy(98.7732, 0.3204, 0.3410)
contains.

Yxy(98.5544, 0.3203, 0.3405)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(98.5544, 0.3203, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEF2
RGB	255, 254, 242
RGB Percent	100%, 100%, 95%
CMY	0.0001, 0.0039, 0.0508
CMYK	0.00, 0.00, 0.05, 0.00
HSL	56°, 100%, 97%
HSV	56°, 5%, 100%
XYZ	92.7077, 98.5544, 98.1781
YIQ	252.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

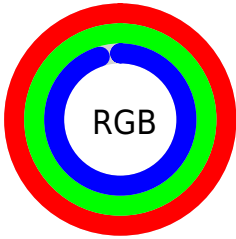
Format	Color
R_{YB}	243, 255, 242
Decimal	16776946
CIE Lab	99.44, -1.72, 5.81
CIE LCh	99, 6.061, 106.437
Yxy	98.5544, 0.3203, 0.3405
Android (android.graphics.Color)	4294967026 (0xFFFFFEF2)
YUV	252.9310, -5.3890, 1.8145
Hunter-Lab	99.2746, -7.0380, 10.8570

Details

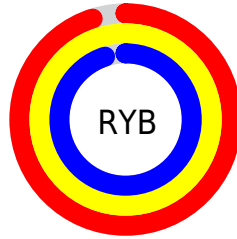
The Yxy color 98.5544, 0.3203, 0.3405 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.2154, 0.3050, 0.3172, and the grayscale version is 98.2107, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.4834, 0.3217, 0.3425 is the 20% darker color. If you saturate the color by 10%, you get 95.9260, 0.3358, 0.3638, and if you desaturate by 10%, it is 99.9956, 0.3127, 0.3290.

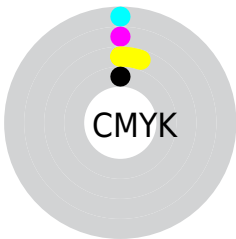
Distribution



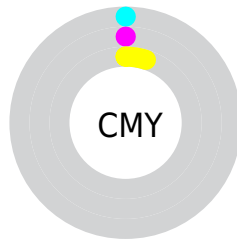
- Red (100%)
- Green (100%)
- Blue (95%)



- 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 98.5544, 0.3203, 0.3405 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 98.5544, 0.3203, 0.3405 by changing the saturation by 10% instead.


 98.5544, 0.3203,
0.3405

 98.5544, 0.3203,
0.3405


555.4825, 0.3170,
0.3355

 75.0968, 0.3210,
0.3416

159.1661, 0.3192,
0.3388

 55.6922, 0.3219,
0.3429


197.0891, 0.3187,
0.3381

 39.9562, 0.3229,
0.3446


240.6026, 0.3184,
0.3375

 27.5044, 0.3243,
0.3466

290.0911, 0.3180,
0.3370

 17.9524, 0.3260,
0.3494

345.9389, 0.3177,
0.3366

 10.9158, 0.3284,
0.3531

408.5305, 0.3174,

 6.0103, 0.3318,

0.3361

0.3585

478.2502, 0.3172,
0.3358

■ 2.8513, 0.3371,
0.3669

■ 1.0546, 0.3487,
0.3846

■ 98.5544, 0.3203,
0.3405

■ 98.5544, 0.3203,
0.3405


■ 95.9260, 0.3358,
0.3638


99.9956, 0.3127,
0.3290

■ 93.5103, 0.3518,
0.3875


■ 91.3020, 0.3678,
0.4109


■ 89.2909, 0.3833,
0.4330

 87.4661, 0.3975,
0.4528

 85.8152, 0.4099,
0.4693

 84.3245, 0.4200,
0.4818

 82.9779, 0.4273,
0.4899

 81.7555, 0.4318,
0.4935

Harmonies

Analogous

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



98.5544, 0.3246, 0.3386



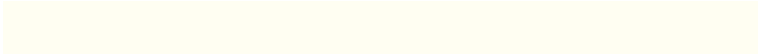
98.5544, 0.3203, 0.3405



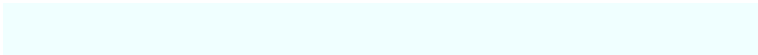
98.5544, 0.3140, 0.3393

Triad

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



98.5544, 0.3203, 0.3405



98.5544, 0.3000, 0.3237



98.5544, 0.3179, 0.3229

Complementary

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



98.5544, 0.3203, 0.3405



90.2154, 0.3050, 0.3172

Split Complementary

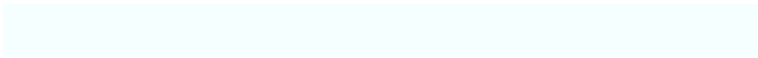
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.5544, 0.3113, 0.3190



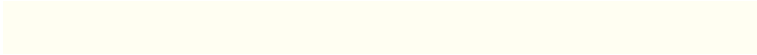
98.5544, 0.3203, 0.3405



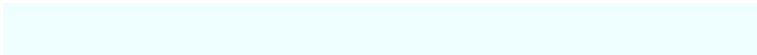
98.5544, 0.3010, 0.3194

Square

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



98.5544, 0.3203, 0.3405



98.5544, 0.3023, 0.3295



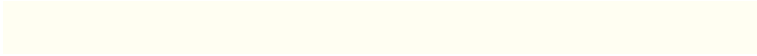
98.5544, 0.3051, 0.3177



98.5544, 0.3232, 0.3284

Rectangle

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



98.5544, 0.3203, 0.3405



98.5544, 0.3096, 0.3369



98.5544, 0.3051, 0.3177



98.5544, 0.3158, 0.3214

Sweetspot

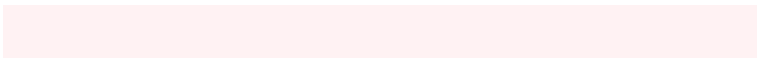
The Sweet Spot groups the original color and five complimentary colors.



98.5587, 0.3203, 0.3405



99.4325, 0.3157, 0.3335



91.2676, 0.3205, 0.3280



21.2886, 0.3155, 0.3333



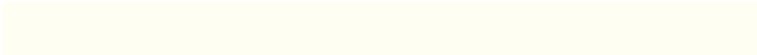
0.0000, 0.0000, 0.0000



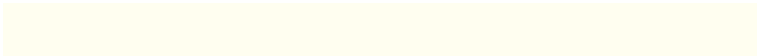
21.4041, 0.3127, 0.3290

Same Dimension

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



98.5587, 0.3203, 0.3405



98.3250, 0.3217, 0.3426



98.1672, 0.3168, 0.3415



21.0076, 0.3227, 0.3441



42.5277, 0.4331, 0.4943



4.2074, 0.4313, 0.4957

Inverse Universe

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



90.2154, 0.3050, 0.3172



88.5118, 0.3035, 0.3150



90.6053, 0.3084, 0.3164



18.6889, 0.3025, 0.3134



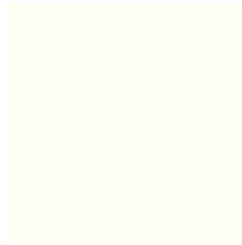
4.0952, 0.1513, 0.0646



0.4709, 0.1541, 0.0748

Previews

White Background



This preview shows how the Yxy color 98.5544, 0.3203, 0.3405 looks on a white background.

Color Contrast Check

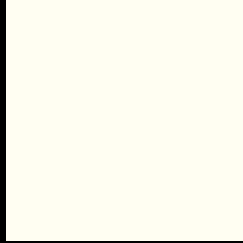
Large Text (above 18pt) WCAG AA × Fail

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 98.5544, 0.3203, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

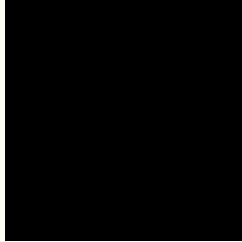
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.5544, 0.3203, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 98.5544, 0.3203, 0.3405.

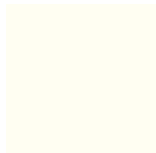


This preview shows how white text looks on a background with the Yxy color 98.5544, 0.3203, 0.3405.

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

98.5544, 0.3203, 0.3405



Protanopia

98.4756, 0.3151, 0.3309



Deuteranopia

98.6024, 0.3140, 0.3290

Tritanopia

98.5414, 0.3122, 0.3271

Trichromacy

Original Color

98.5544, 0.3203, 0.3405

Protanomaly

98.2879, 0.3169, 0.3338

Deuteranomaly

98.3501, 0.3163, 0.3328

Tritanomaly

98.2235, 0.3151, 0.3319

Monochromacy

Original Color

98.5544, 0.3203, 0.3405

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 98.5544, 0.3203, 0.3405 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 242) }
```

Border

The CSS property to change the border of an element to Yxy 98.5544, 0.3203, 0.3405 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, 242) }
```

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

```
.border{ border-color:rgb(255, 254, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 98.5544, 0.3203, 0.3405 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, 242) }
```

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

```
.background{ background-color: rgb(255,  
254, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor