

Converting Colors

$Yxy(93.1038, 0.3203, 0.3352)$

Have a look what the booklet for
Yxy(93.1038, 0.3203, 0.3352)
contains.

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Color

Yxy(92.8983, 0.3202, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	FCF6F0
RGB	252, 246, 240
RGB Percent	99%, 96%, 94%
CMY	0.0118, 0.0352, 0.0589
CMYK	0.00, 0.02, 0.05, 0.01
HSL	30°, 67%, 96%
HSV	30°, 5%, 99%
XYZ	88.8206, 92.8983, 95.6722
YIQ	247.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

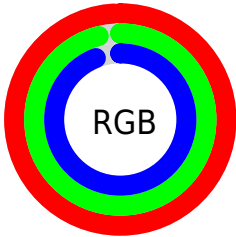
Format	Color
R_{YB}	252, 252, 240
Decimal	16578288
CIE Lab	97.19, 0.96, 3.59
CIE LCh	97, 3.715, 74.987
Yxy	92.8983, 0.3202, 0.3349
Android (android.graphics.Color)	4294768368 (0xFFFCF6F0)
YUV	247.1100, -3.5052, 4.2885
Hunter-Lab	96.3838, -4.1783, 8.6163

Details

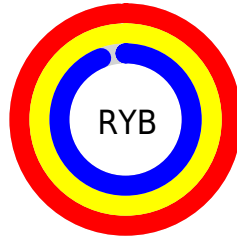
The Yxy color 92.8983, 0.3202, 0.3349 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.4281, 0.3054, 0.3230, and the grayscale version is 93.1314, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.8897, 0.3214, 0.3365 is the 20% darker color. If you saturate the color by 10%, you get 84.1409, 0.3376, 0.3479, and if you desaturate by 10%, it is 99.4317, 0.3109, 0.3290.

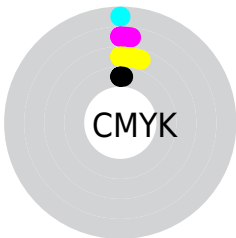
Distribution



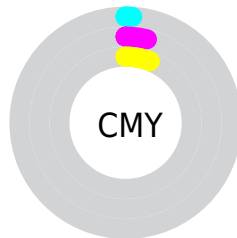
- Red (99%)
- Green (96%)
- Blue (94%)



- Red (99%)
- Yellow (99%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (1%)




- Cyan (1%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.8983, 0.3202, 0.3349 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 92.8983, 0.3202, 0.3349 by changing the saturation by 10% instead.


 92.8983, 0.3202,
0.3349

 92.8983, 0.3202,
0.3349

537.4145, 0.3169,
0.3323

 70.3870, 0.3209,
0.3355


151.3578, 0.3191,
0.3340

 51.8421, 0.3218,
0.3362


188.0748, 0.3186,
0.3337

 36.8792, 0.3229,
0.3370

230.2957, 0.3182,
0.3334

 25.1140, 0.3243,
0.3381

278.4051, 0.3179,
0.3331

 16.1620, 0.3261,
0.3395

332.7873, 0.3176,
0.3329

 9.6389, 0.3287,
0.3415

393.8266, 0.3173,

 5.1602, 0.3324,

0.3327

0.3443

461.9076, 0.3171,
0.3325

■ 2.3415, 0.3383,
0.3489

■ 0.7956, 0.3559,
0.3632

■ 92.8983, 0.3202,
0.3349

■ 92.8983, 0.3202,
0.3349

■ 84.1409, 0.3376,
0.3479

■ 99.4317, 0.3109,
0.3290

■ 76.0829, 0.3574,
0.3614

■ 68.7088, 0.3797,
0.3752

■ 61.9981, 0.4043,
0.3885

■ 55.9291, 0.4310,
0.4005

■ 50.4784, 0.4586,
0.4100

■ 45.6209, 0.4860,
0.4157

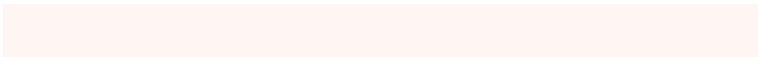
■ 41.3286, 0.5113,
0.4165

■ 37.5694, 0.5328,
0.4116

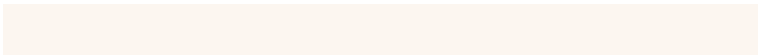
Harmonies

Analogous

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



92.8983, 0.3208, 0.3321



92.8983, 0.3202, 0.3349



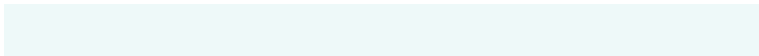
92.8983, 0.3176, 0.3362

Triad

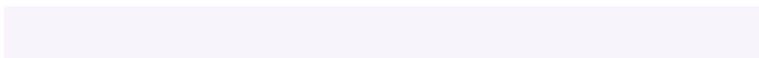
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.8983, 0.3202, 0.3349



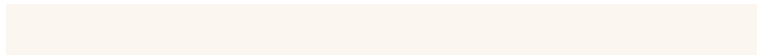
92.8983, 0.3063, 0.3295



92.8983, 0.3117, 0.3227

Complementary

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



92.8983, 0.3202, 0.3349



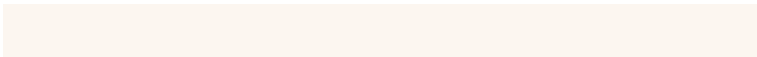
91.4281, 0.3054, 0.3230

Split Complementary

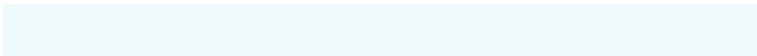
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.8983, 0.3078, 0.3219



92.8983, 0.3202, 0.3349



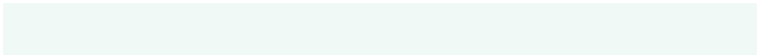
92.8983, 0.3048, 0.3259

Square

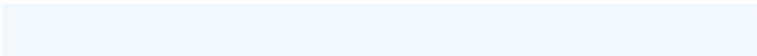
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



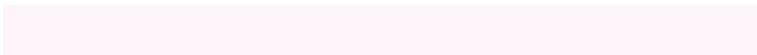
92.8983, 0.3202, 0.3349



92.8983, 0.3096, 0.3331



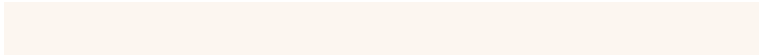
92.8983, 0.3053, 0.3231



92.8983, 0.3158, 0.3250

Rectangle

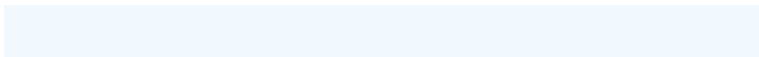
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.8983, 0.3202, 0.3349



92.8983, 0.3151, 0.3359



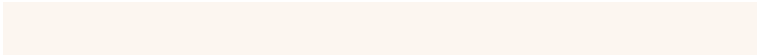
92.8983, 0.3053, 0.3231



92.8983, 0.3103, 0.3222

Sweetspot

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



92.9023, 0.3202, 0.3349



99.0306, 0.3142, 0.3302



89.6537, 0.3169, 0.3232



21.2069, 0.3142, 0.3302



0.0000, 0.0000, 0.0000



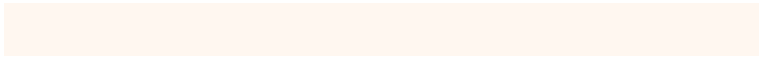
21.4041, 0.3127, 0.3290

Same Dimension

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



92.9023, 0.3202, 0.3349



94.2958, 0.3222, 0.3365



96.5900, 0.3198, 0.3407



19.2000, 0.3233, 0.3373



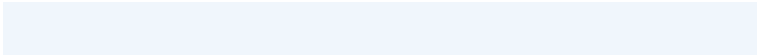
18.9442, 0.5401, 0.4094



1.9666, 0.5218, 0.4239

Inverse Universe

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



91.4281, 0.3054, 0.3230



92.4020, 0.3035, 0.3214



87.8584, 0.3055, 0.3171



18.7725, 0.3024, 0.3206



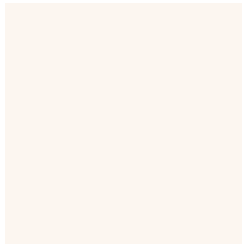
11.6337, 0.1768, 0.1566



1.2894, 0.1829, 0.1782

Previews

White Background



This preview shows how the Yxy color 92.8983, 0.3202, 0.3349 looks on a white background.

Color Contrast Check

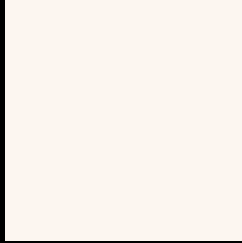
Large Text (above 18pt) WCAG AA × Fail

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 92.8983, 0.3202, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

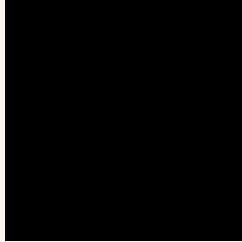
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

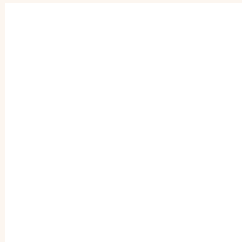
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.8983, 0.3202, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 92.8983, 0.3202, 0.3349.

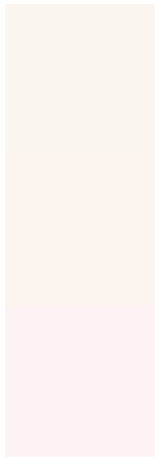


This preview shows how white text looks on a background with the Yxy color 92.8983, 0.3202, 0.3349.

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

92.8983, 0.3202, 0.3349

Protanopia

93.0855, 0.3209, 0.3349

Deuteranopia

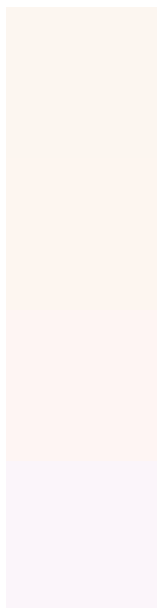
92.5539, 0.3193, 0.3281



Tritanopia

93.0340, 0.3106, 0.3194

Trichromacy



Original Color

92.8983, 0.3202, 0.3349

Protanomaly

93.0855, 0.3209, 0.3349

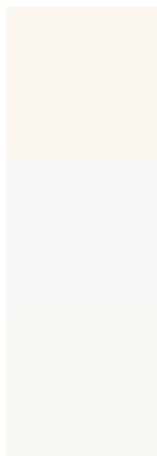
Deuteranomaly

92.8467, 0.3198, 0.3310

Tritanomaly

92.7162, 0.3136, 0.3242

Monochromacy



Original Color

92.8983, 0.3202, 0.3349

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.1929, 0.3158, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.8983, 0.3202, 0.3349 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(252, 246, 240)` looks like.

```
.text, #text, p{  
    color:rgb(252, 246, 240)  
}
```

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(252, 246, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 246, 240) }
```

Border

The CSS property to change the border of an element to Yxy 92.8983, 0.3202, 0.3349 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(252, 246, 240) }
```

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

```
.border{ border-color:rgb(252, 246, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 246, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 246, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 246, 240);  
box-shadow:4px 4px 4px 4px rgb(252, 246,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 92.8983, 0.3202, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 246, 240) }
```

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

```
.background{ background-color: rgb(252,  
246, 240) }
```

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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