

Converting Colors

$Yxy(93.0386, 0.3292, 0.3558)$

Have a look what the booklet for
Yxy(93.0386, 0.3292, 0.3558)
contains.

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Color

Yxy(93.1650, 0.3289, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	F9F9DE
RGB	249, 249, 222
RGB Percent	98%, 98%, 87%
CMY	0.0236, 0.0235, 0.1294
CMYK	0.00, 0.00, 0.11, 0.02
HSL	60°, 69%, 92%
HSV	60°, 11%, 98%
XYZ	86.1213, 93.1650, 82.5602
YIQ	245.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

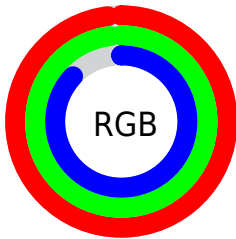
Format	Color
R _Y B	222, 249, 222
Decimal	16382430
CIE Lab	97.29, -4.51, 12.96
CIE LCh	97, 13.721, 109.176
Yxy	93.1650, 0.3289, 0.3558
Android (android.graphics.Color)	4294572510 (0xFFFF9F9DE)
YUV	245.9220, -11.7935, 2.6994
Hunter-Lab	96.5220, -9.6477, 16.8516

Details

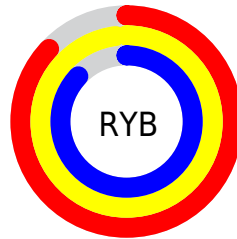
The Yxy color **93.1650, 0.3289, 0.3558** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.6295, 0.2956, 0.3007**, and the grayscale version is **92.1849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.1364, 0.3318, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **91.9239, 0.3442, 0.3811**, and if you desaturate by 10%, it is **94.6115, 0.3139, 0.3310**.

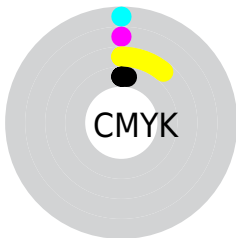
Distribution



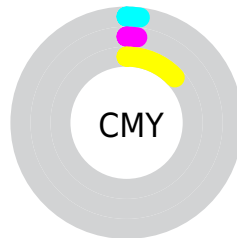
- Red (98%)
- Green (98%)
- Blue (87%)



- Red (87%)
- Yellow (98%)
- Blue (87%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)





- Cyan (2%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.1650, 0.3289, 0.3558 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 93.1650, 0.3289, 0.3558 by changing the saturation by 10% instead.

 93.1650, 0.3289,
0.3558

 93.1650, 0.3289,
0.3558


538.2736, 0.3218,
0.3438

 70.6087, 0.3304,
0.3584


151.7270, 0.3265,
0.3517

 52.0229, 0.3323,
0.3616


188.5015, 0.3256,
0.3501

 37.0233, 0.3346,
0.3656


230.7841, 0.3247,
0.3487

 25.2255, 0.3375,
0.3707

278.9593, 0.3240,
0.3475

 16.2452, 0.3413,
0.3775

333.4115, 0.3233,
0.3464

 9.6978, 0.3464,
0.3867

394.5250, 0.3228,

 5.1991, 0.3536,

0.3455

0.4004

462.6842, 0.3223,
0.3446

■ 2.3645, 0.3646,
0.4221

■ 0.8075, 0.4488,
0.5512

■ 93.1650, 0.3289,
0.3558

■ 93.1650, 0.3289,
0.3558

■ 91.9239, 0.3442,
0.3811

■ 94.6115, 0.3139,
0.3310

■ 90.8673, 0.3593,
0.4062

■ 95.1281, 0.3092,
0.3232

■ 89.9900, 0.3738,
0.4302


■ 95.1350, 0.3093,
0.3232


■ 89.2821, 0.3870,
0.4522


■ 95.1419, 0.3093,
0.3232

 88.7324, 0.3984,
0.4710


 95.1488, 0.3093,
0.3232


 88.3288, 0.4074,
0.4860


 95.1558, 0.3093,
0.3232


 88.0571, 0.4138,
0.4966

 95.1627, 0.3094,
0.3232

 87.9003, 0.4175,
0.5029

 95.1696, 0.3094,
0.3232

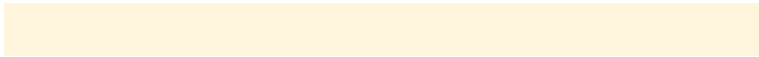
 87.8329, 0.4191,
0.5055

 95.1765, 0.3094,
0.3232

Harmonies

Analogous

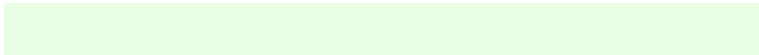
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1650, 0.3395, 0.3516



93.1650, 0.3289, 0.3558



93.1650, 0.3141, 0.3525

Triad

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



93.1650, 0.3289, 0.3558



93.1650, 0.2835, 0.3154



93.1650, 0.3260, 0.3161

Complementary

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



93.1650, 0.3289, 0.3558



74.6295, 0.2956, 0.3007

Split Complementary

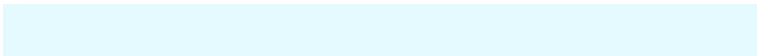
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.1650, 0.3107, 0.3069



93.1650, 0.3289, 0.3558



93.1650, 0.2865, 0.3062

Square

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



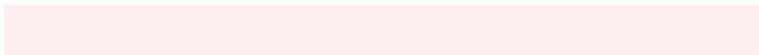
93.1650, 0.3289, 0.3558



93.1650, 0.2882, 0.3287



93.1650, 0.2963, 0.3033



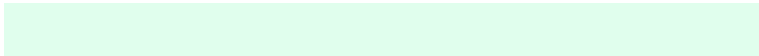
93.1650, 0.3378, 0.3286

Rectangle

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



93.1650, 0.3289, 0.3558



93.1650, 0.3040, 0.3464



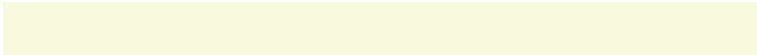
93.1650, 0.2963, 0.3033



93.1650, 0.3211, 0.3125

Sweetspot

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



93.1691, 0.3289, 0.3558



99.5148, 0.3171, 0.3363



77.6676, 0.3321, 0.3291



21.2732, 0.3183, 0.3383



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

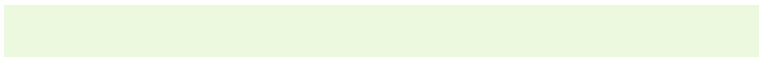
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.1691, 0.3289, 0.3558



98.0364, 0.3322, 0.3613



90.7842, 0.3201, 0.3565



20.1894, 0.3269, 0.3524



47.0105, 0.4191, 0.5055



4.3544, 0.4191, 0.5054

Inverse Universe

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



74.6295, 0.2956, 0.3007



74.8967, 0.2919, 0.2946



76.8409, 0.3047, 0.3015



16.6443, 0.2979, 0.3045



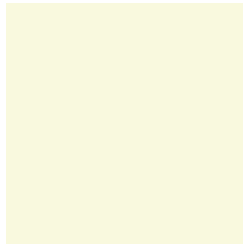
3.6629, 0.1501, 0.0600



0.3397, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 93.1650, 0.3289, 0.3558 looks on a white background.

Color Contrast Check

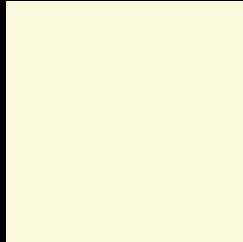
Large Text (above 18pt) WCAG AA × Fail

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 93.1650, 0.3289, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

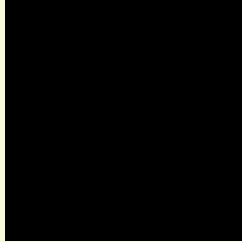
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.1650, 0.3289, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 93.1650, 0.3289, 0.3558.

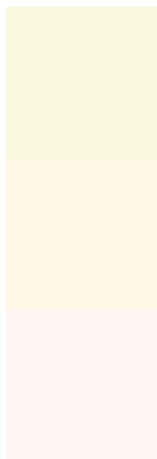


This preview shows how white text looks on a background with the Yxy color 93.1650, 0.3289, 0.3558.

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

93.1650, 0.3289, 0.3558

Protanopia

93.3830, 0.3294, 0.3476

Deuteranopia

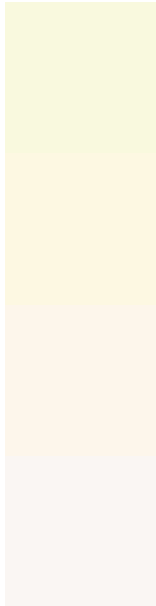
92.9756, 0.3210, 0.3319



Tritanopia

93.0340, 0.3106, 0.3194

Trichromacy



Original Color

93.1650, 0.3289, 0.3558

Protanomaly

93.5084, 0.3292, 0.3506

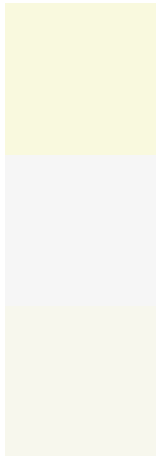
Deuteranomaly

92.7923, 0.3239, 0.3398

Tritanomaly

92.7066, 0.3171, 0.3319

Monochromacy



Original Color

93.1650, 0.3289, 0.3558

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.4101, 0.3187, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1650, 0.3289, 0.3558 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(249, 249, 222)` looks like.

```
.text, #text, p{  
    color:rgb(249, 249, 222)  
}
```

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(249, 249, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 222) }
```

Border

The CSS property to change the border of an element to Yxy 93.1650, 0.3289, 0.3558 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(249, 249, 222) }
```

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

```
.border{ border-color:rgb(249, 249, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 249, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 249, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 249, 222);  
box-shadow:4px 4px 4px 4px rgb(249, 249,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 93.1650, 0.3289, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 249, 222) }
```

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

```
.background{ background-color: rgb(249,  
249, 222) }
```

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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