

Converting Colors

$Yxy(92.6626, 0.3372, 0.3687)$

Have a look what the booklet for
Yxy(92.6626, 0.3372, 0.3687)
contains.

Yxy(92.6788, 0.3376, 0.3689)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.6788, 0.3376, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	FAF9D1
RGB	250, 249, 209
RGB Percent	98%, 98%, 82%
CMY	0.0195, 0.0235, 0.1804
CMYK	0.00, 0.00, 0.16, 0.02
HSL	58°, 80%, 90%
HSV	58°, 16%, 98%
XYZ	84.8153, 92.6788, 73.7360
YIQ	244.7390, 13.4360, -12.2280

Conversions

Conversions Part 2

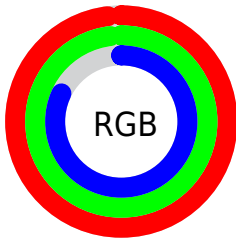
Format	Color
R _Y B	210, 250, 209
Decimal	16447953
CIE Lab	97.10, -6.11, 19.36
CIE LCh	97, 20.306, 107.524
Yxy	92.6788, 0.3376, 0.3689
Android (android.graphics.Color)	4294638033 (0xFFFAF9D1)
YUV	244.7390, -17.6193, 4.6139
Hunter-Lab	96.2698, -11.2108, 21.9768

Details

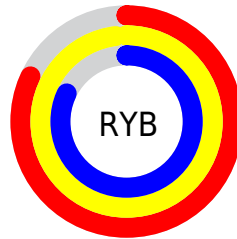
The Yxy color **92.6788, 0.3376, 0.3689** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.5643, 0.2859, 0.2857**, and the grayscale version is **91.2313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8105, 0.3428, 0.3787** is the 20% darker color. If you saturate the color by 10%, you get **91.1529, 0.3531, 0.3937**, and if you desaturate by 10%, it is **94.4086, 0.3223, 0.3443**.

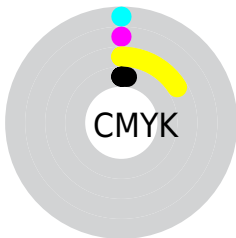
Distribution



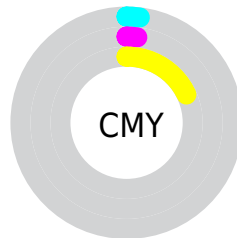
- Red (98%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6788, 0.3376, 0.3689 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 92.6788, 0.3376, 0.3689 by changing the saturation by 10% instead.


 92.6788, 0.3376,
0.3689

 92.6788, 0.3376,
0.3689

536.7069, 0.3267,
0.3510

 70.2046, 0.3399,
0.3728


151.0538, 0.3339,
0.3628

 51.6933, 0.3428,
0.3776


187.7234, 0.3325,
0.3604

 36.7607, 0.3462,
0.3836


229.8936, 0.3312,
0.3583

 25.0223, 0.3506,
0.3912

277.9487, 0.3301,
0.3565

 16.0936, 0.3562,
0.4012

332.2733, 0.3291,
0.3549

 9.5904, 0.3636,
0.4149

393.2515, 0.3282,

 5.1283, 0.3738,

0.3535

0.4348

461.2679, 0.3274,
0.3522

■ 2.3227, 0.3898,
0.4678

■ 0.7857, 0.4320,
0.5680

■ 92.6788, 0.3376,
0.3689

■ 92.6788, 0.3376,
0.3689

■ 91.1529, 0.3531,
0.3937

■ 94.4086, 0.3223,
0.3443

■ 89.8094, 0.3684,
0.4178


■ 96.0780, 0.3098,
0.3244


■ 88.6428, 0.3827,
0.4404

■ 96.4690, 0.3098,
0.3250

■ 87.6424, 0.3956,
0.4604


■ 96.8614, 0.3098,
0.3256

 86.7964, 0.4063,
0.4769

 97.2551, 0.3097,
0.3262

 86.0914, 0.4146,
0.4893


 97.6501, 0.3097,
0.3268


 85.5117, 0.4202,
0.4972

 98.0464, 0.3097,
0.3274

 85.0379, 0.4231,
0.5010

 98.4440, 0.3097,
0.3281

 84.8828, 0.4238,
0.5017

 98.8429, 0.3097,
0.3287

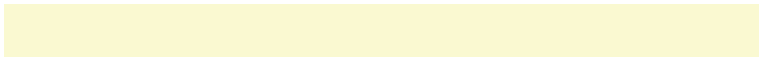
Harmonies

Analogous

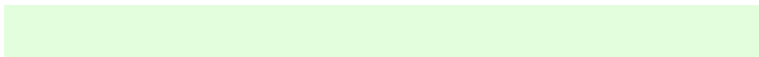
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6788, 0.3530, 0.3616



92.6788, 0.3376, 0.3689



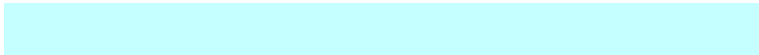
92.6788, 0.3158, 0.3649

Triad

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



92.6788, 0.3376, 0.3689



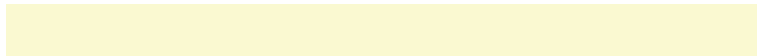
92.6788, 0.2700, 0.3094



92.6788, 0.3311, 0.3091

Complementary

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



92.6788, 0.3376, 0.3689



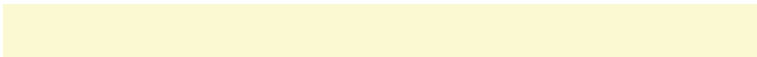
66.5643, 0.2859, 0.2857

Split Complementary

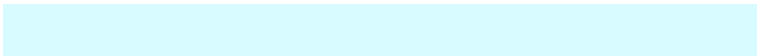
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.6788, 0.3083, 0.2962



92.6788, 0.3376, 0.3689



92.6788, 0.2736, 0.2958

Square

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



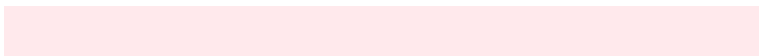
92.6788, 0.3376, 0.3689



92.6788, 0.2772, 0.3294



92.6788, 0.2874, 0.2913



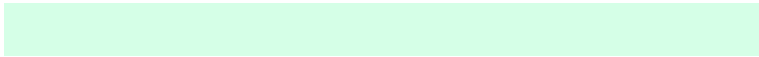
92.6788, 0.3494, 0.3270

Rectangle

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



92.6788, 0.3376, 0.3689



92.6788, 0.3008, 0.3560



92.6788, 0.2874, 0.2913



92.6788, 0.3237, 0.3041

Sweetspot

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



92.6829, 0.3376, 0.3689



99.0019, 0.3201, 0.3409



70.5993, 0.3431, 0.3277



21.1614, 0.3212, 0.3426



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

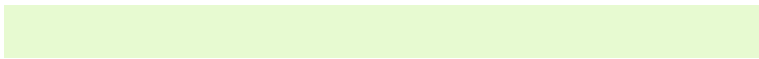
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6829, 0.3376, 0.3689



96.3258, 0.3432, 0.3779



89.9609, 0.3247, 0.3716



20.1116, 0.3269, 0.3519



45.0469, 0.4238, 0.5017



4.1951, 0.4232, 0.5022

Inverse Universe

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



66.5643, 0.2859, 0.2857



63.8540, 0.2793, 0.2750



69.0203, 0.2990, 0.2863



16.7127, 0.2979, 0.3051



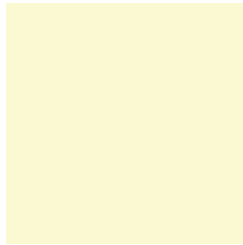
3.7639, 0.1504, 0.0615



0.3724, 0.1515, 0.0653

Previews

White Background



This preview shows how the Yxy color 92.6788, 0.3376, 0.3689 looks on a white background.

Color Contrast Check

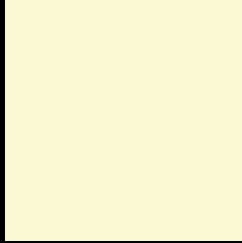
Large Text (above 18pt) WCAG AA × Fail

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 92.6788, 0.3376, 0.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

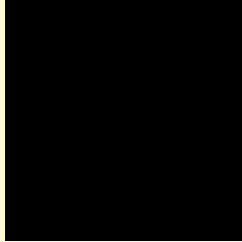
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.6788, 0.3376, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 92.6788, 0.3376, 0.3689.

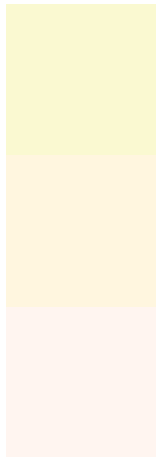


This preview shows how white text looks on a background with the Yxy color 92.6788, 0.3376, 0.3689.

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

92.6788, 0.3376, 0.3689

Protanopia

92.4992, 0.3327, 0.3516

Deuteranopia

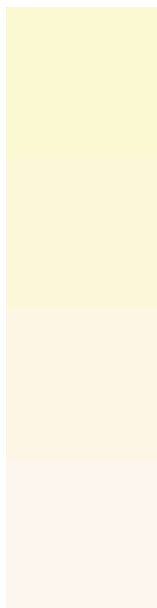
92.8561, 0.3222, 0.3339



Tritanopia

92.8040, 0.3119, 0.3184

Trichromacy



Original Color

92.6788, 0.3376, 0.3689

Protanomaly

92.4661, 0.3343, 0.3577

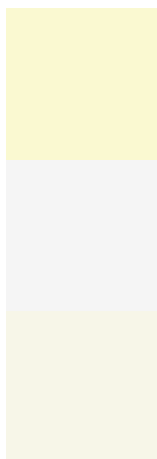
Deuteranomaly

92.4513, 0.3276, 0.3457

Tritanomaly

92.7800, 0.3214, 0.3368

Monochromacy



Original Color

92.6788, 0.3376, 0.3689

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.5119, 0.3218, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6788, 0.3376, 0.3689 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(250, 249, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 249, 209)  
}
```

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(250, 249, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 249, 209) }
```

Border

The CSS property to change the border of an element to Yxy 92.6788, 0.3376, 0.3689 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(250, 249, 209) }
```

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

```
.border{ border-color:rgb(250, 249, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 249, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 249, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 249, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 249,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6788, 0.3376, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 249, 209) }
```

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

```
.background{ background-color: rgb(250,  
249, 209) }
```

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