

Converting Colors

$Yxy(91.3971, 0.3277, 0.3629)$

Have a look what the booklet for
Yxy(91.3971, 0.3277, 0.3629)
contains.

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Color

Yxy(91.4100, 0.3273, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	F1F9D8
RGB	241, 249, 216
RGB Percent	95%, 98%, 85%
CMY	0.0548, 0.0236, 0.1529
CMYK	0.03, 0.00, 0.13, 0.02
HSL	74°, 73%, 91%
HSV	74°, 13%, 98%
XYZ	82.5565, 91.4100, 78.2686
YIQ	242.8460, 5.8250, -11.9590

Conversions

Conversions Part 2

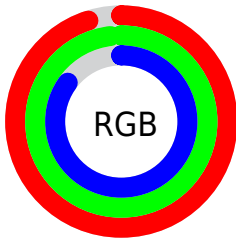
Format	Color
R _Y B	216, 249, 224
Decimal	15858136
CIE Lab	96.58, -8.19, 14.94
CIE LCh	97, 17.040, 118.732
Yxy	91.4100, 0.3273, 0.3624
Android (android.graphics.Color)	4294048216 (0xFFFF1F9D8)
YUV	242.8460, -13.2351, -1.6189
Hunter-Lab	95.6086, -13.1830, 18.3891

Details

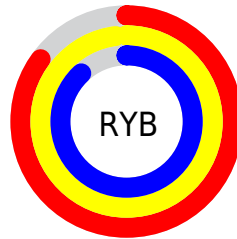
The Yxy color **91.4100, 0.3273, 0.3624** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.8029, 0.2969, 0.2944**, and the grayscale version is **89.6099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0274, 0.3305, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **89.1817, 0.3384, 0.3891**, and if you desaturate by 10%, it is **93.8763, 0.3162, 0.3369**.

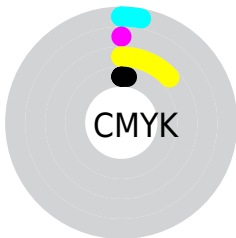
Distribution



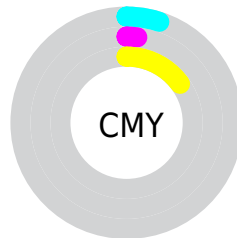
- Red (95%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)





- Cyan (5%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4100, 0.3273, 0.3624 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 91.4100, 0.3273, 0.3624 by changing the saturation by 10% instead.

 91.4100, 0.3273,
0.3624

 91.4100, 0.3273,
0.3624

532.6069, 0.3209,
0.3473

 69.1507, 0.3287,
0.3657


149.2954, 0.3252,
0.3573

 50.8344, 0.3303,
0.3698


185.6903, 0.3243,
0.3552

 36.0769, 0.3323,
0.3749


227.5658, 0.3236,
0.3535

 24.4936, 0.3349,
0.3815

275.3064, 0.3229,
0.3519

 15.7002, 0.3381,
0.3902

329.2964, 0.3223,
0.3506

 9.3122, 0.3424,
0.4024

389.9202, 0.3218,

 4.9454, 0.3484,

0.3494

0.4204

457.5623, 0.3214,
0.3483

■ 2.2153, 0.3568,
0.4496

■ 0.7283, 0.4033,
0.5967

■ 91.4100, 0.3273,
0.3624

■ 91.4100, 0.3273,
0.3624

■ 89.1817, 0.3384,
0.3891

■ 93.8763, 0.3162,
0.3369

■ 87.1704, 0.3490,
0.4162

■ 95.8608, 0.3118,
0.3233

■ 85.3703, 0.3589,
0.4431

■ 96.2280, 0.3130,
0.3233

■ 83.7708, 0.3673,
0.4685

■ 82.3603, 0.3737,
0.4914

■ 81.1258, 0.3779,
0.5105

■ 80.0521, 0.3794,
0.5251

■ 79.1212, 0.3783,
0.5349

■ 78.5552, 0.3765,
0.5393

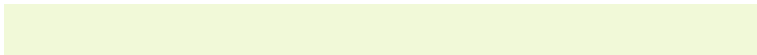
Harmonies

Analogous

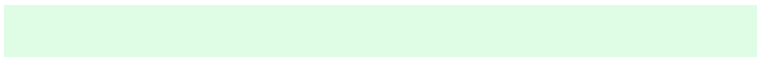
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4100, 0.3428, 0.3598



91.4100, 0.3273, 0.3624



91.4100, 0.3082, 0.3554

Triad

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



91.4100, 0.3273, 0.3624



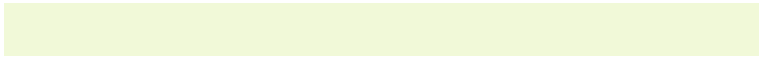
91.4100, 0.2766, 0.3075



91.4100, 0.3347, 0.3175

Complementary

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



91.4100, 0.3273, 0.3624



71.8029, 0.2969, 0.2944

Split Complementary

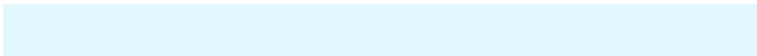
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.4100, 0.3164, 0.3046



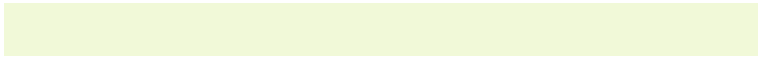
91.4100, 0.3273, 0.3624



91.4100, 0.2831, 0.2985

Square

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



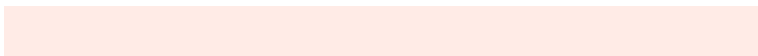
91.4100, 0.3273, 0.3624



91.4100, 0.2793, 0.3228



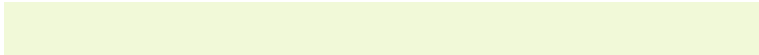
91.4100, 0.2975, 0.2977



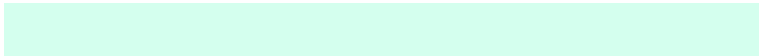
91.4100, 0.3473, 0.3336

Rectangle

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



91.4100, 0.3273, 0.3624



91.4100, 0.2961, 0.3461



91.4100, 0.2975, 0.2977



91.4100, 0.3290, 0.3127

Sweetspot

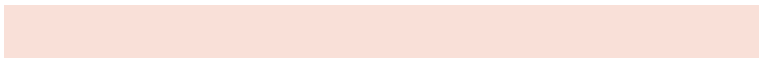
The Sweet Spot groups the original color and five complimentary colors.



91.4140, 0.3273, 0.3624



98.8965, 0.3171, 0.3388



78.2539, 0.3360, 0.3369



21.1245, 0.3179, 0.3407



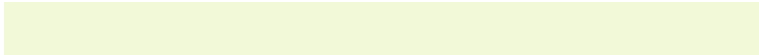
0.0000, 0.0000, 0.0000



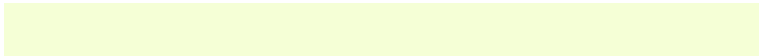
21.4041, 0.3127, 0.3290

Same Dimension

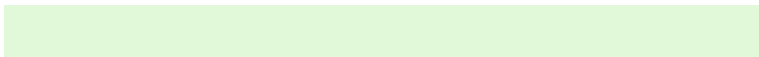
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4140, 0.3273, 0.3624



95.8255, 0.3304, 0.3697



88.6839, 0.3167, 0.3635



19.9674, 0.3231, 0.3527



42.1206, 0.3772, 0.5387



3.9498, 0.3824, 0.5346

Inverse Universe

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



71.8029, 0.2969, 0.2944



71.2690, 0.2931, 0.2866



74.5200, 0.3081, 0.2956



16.8452, 0.3017, 0.3047



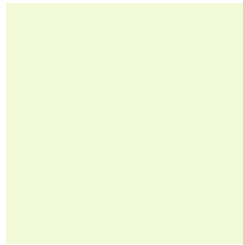
4.2312, 0.1635, 0.0674



0.4387, 0.1749, 0.0737

Previews

White Background



This preview shows how the Yxy color 91.4100, 0.3273, 0.3624 looks on a white background.

Color Contrast Check

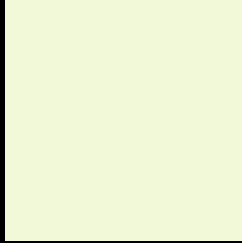
Large Text (above 18pt) WCAG AA × Fail

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 91.4100, 0.3273, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

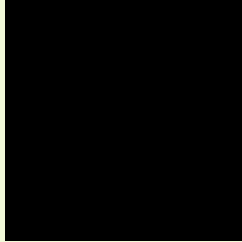
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

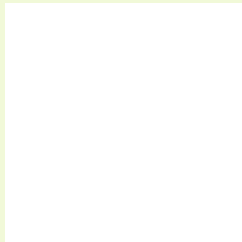
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4100, 0.3273, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 91.4100, 0.3273, 0.3624.

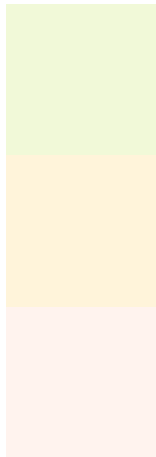


This preview shows how white text looks on a background with the Yxy color 91.4100, 0.3273, 0.3624.

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

91.4100, 0.3273, 0.3624

Protanopia

91.0233, 0.3361, 0.3547

Deuteranopia

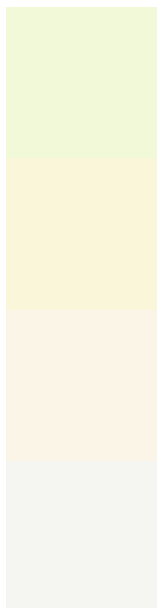
91.5342, 0.3236, 0.3339



Tritanopia

91.6955, 0.3081, 0.3183

Trichromacy



Original Color

91.4100, 0.3273, 0.3624

Protanomaly

91.2453, 0.3330, 0.3579

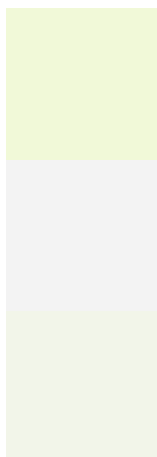
Deuteranomaly

91.3420, 0.3251, 0.3439

Tritanomaly

91.6749, 0.3151, 0.3339

Monochromacy



Original Color

91.4100, 0.3273, 0.3624

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.0653, 0.3180, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4100, 0.3273, 0.3624 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(241, 249, 216)` looks like.

```
.text, #text, p{  
    color:rgb(241, 249, 216)  
}
```

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(241, 249, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 249, 216) }
```

Border

The CSS property to change the border of an element to Yxy 91.4100, 0.3273, 0.3624 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(241, 249, 216) }
```

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

```
.border{ border-color:rgb(241, 249, 216) }
```

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

Here you see how a box with a 4 pixel rgb(241, 249, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 249, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 249, 216);  
box-shadow:4px 4px 4px 4px rgb(241, 249,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4100, 0.3273, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 249, 216) }
```

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

```
.background{ background-color: rgb(241,  
249, 216) }
```

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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