

Converting Colors

$Y_{xy}(93.3670, 0.3380, 0.3627)$

Have a look what the booklet for
Yxy(93.3670, 0.3380, 0.3627)
contains.

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Color

Yxy(93.2498, 0.3380, 0.3625)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8D6
RGB	255, 248, 214
RGB Percent	100%, 97%, 84%
CMY	0.0000, 0.0274, 0.1607
CMYK	0.00, 0.03, 0.16, 0.00
HSL	50°, 100%, 92%
HSV	50°, 16%, 100%
XYZ	86.9474, 93.2498, 77.0436
YIQ	246.2170, 15.0860, -9.0900

Conversions

Conversions Part 2

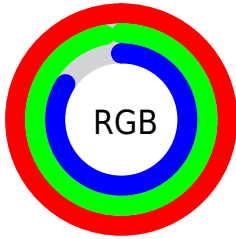
Format	Color
R _Y B	222, 255, 214
Decimal	16775382
CIE Lab	97.33, -3.11, 17.18
CIE LCh	97, 17.455, 100.274
Yxy	93.2498, 0.3380, 0.3625
Android (android.graphics.Color)	4294965462 (0xFFFFF8D6)
YUV	246.2170, -15.8830, 7.7027
Hunter-Lab	96.5659, -8.2700, 20.2926

Details

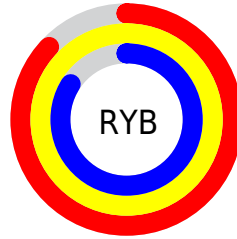
The Yxy color **93.2498, 0.3380, 0.3625** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.2373, 0.2868, 0.2931**, and the grayscale version is **92.4681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.2082, 0.3434, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **89.4047, 0.3549, 0.3841**, and if you desaturate by 10%, it is **97.3676, 0.3219, 0.3414**.

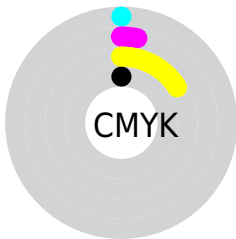
Distribution



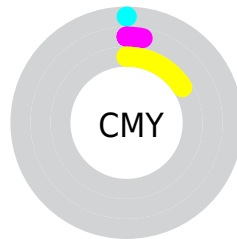
- Red (100%)
- Green (97%)
- Blue (84%)



- Red (87%)
- Yellow (100%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2498, 0.3380, 0.3625 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 93.2498, 0.3380, 0.3625 by changing the saturation by 10% instead.


 93.2498, 0.3380,
0.3625

 93.2498, 0.3380,
0.3625


538.5466, 0.3269,
0.3476

 70.6791, 0.3404,
0.3658


151.8444, 0.3342,
0.3574

 52.0804, 0.3433,
0.3697


188.6371, 0.3328,
0.3554

 37.0692, 0.3469,
0.3747


230.9394, 0.3315,
0.3537

 25.2610, 0.3514,
0.3809

279.1355, 0.3303,
0.3522

 16.2717, 0.3573,
0.3891

333.6099, 0.3293,
0.3508

 9.7166, 0.3653,
0.4003

394.7469, 0.3284,

 5.2115, 0.3764,

0.3496

0.4165

462.9310, 0.3276,
0.3486

■ 2.3719, 0.3930,
0.4416

■ 0.8114, 0.4614,
0.5386

■ 93.2498, 0.3380,
0.3625

■ 93.2498, 0.3380,
0.3625

■ 89.4047, 0.3549,
0.3841

■ 97.3676, 0.3219,
0.3414

■ 85.8127, 0.3723,
0.4054

100.0000, 0.3127,
0.3290

■ 82.4664, 0.3896,
0.4256

■ 79.3542, 0.4062,
0.4438

■ 76.4634, 0.4213,
0.4589

■ 73.7796, 0.4342,
0.4699

■ 71.2859, 0.4443,
0.4763

■ 68.9617, 0.4515,
0.4780

■ 68.0832, 0.4538,
0.4779

Harmonies

Analogous

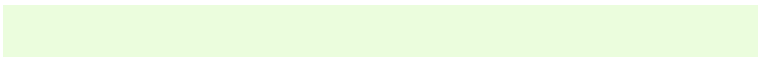
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2498, 0.3492, 0.3544



93.2498, 0.3380, 0.3625



93.2498, 0.3202, 0.3614

Triad

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



93.2498, 0.3380, 0.3625



93.2498, 0.2765, 0.3161



93.2498, 0.3240, 0.3086

Complementary

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



93.2498, 0.3380, 0.3625



73.2373, 0.2868, 0.2931

Split Complementary

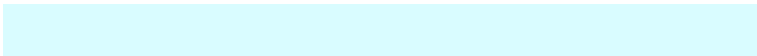
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2498, 0.3043, 0.2990



93.2498, 0.3380, 0.3625



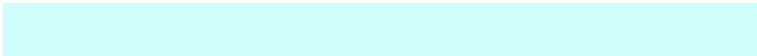
93.2498, 0.2774, 0.3027

Square

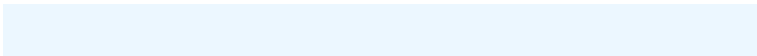
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.2498, 0.3380, 0.3625



93.2498, 0.2850, 0.3338



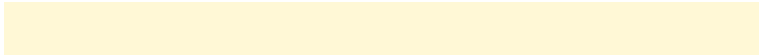
93.2498, 0.2874, 0.2967



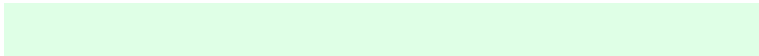
93.2498, 0.3410, 0.3234

Rectangle

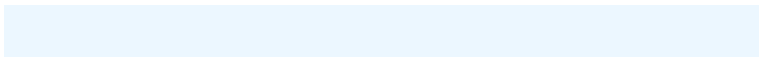
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.2498, 0.3380, 0.3625



93.2498, 0.3072, 0.3552



93.2498, 0.2874, 0.2967



93.2498, 0.3174, 0.3047

Sweetspot

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



93.2530, 0.3380, 0.3625



97.8251, 0.3203, 0.3392



74.6096, 0.3379, 0.3215



20.8744, 0.3214, 0.3406



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

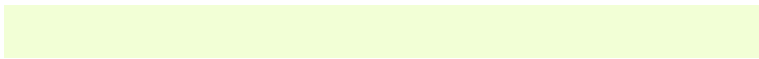
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.2530, 0.3380, 0.3625



92.0993, 0.3429, 0.3688



95.2569, 0.3285, 0.3702



20.5319, 0.3273, 0.3486



35.7690, 0.4531, 0.4784



3.6158, 0.4486, 0.4820

Inverse Universe

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



73.2373, 0.2868, 0.2931



68.9301, 0.2816, 0.2858



71.6507, 0.2951, 0.2866



17.8787, 0.2979, 0.3087



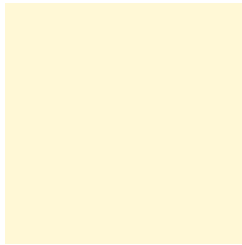
4.8408, 0.1541, 0.0749



0.6040, 0.1591, 0.0927

Previews

White Background



This preview shows how the Yxy color 93.2498, 0.3380, 0.3625 looks on a white background.

Color Contrast Check

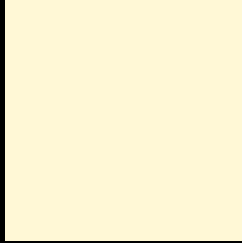
Large Text (above 18pt) WCAG AA × Fail

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 93.2498, 0.3380, 0.3625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

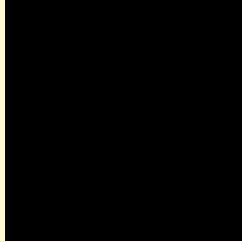
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.2498, 0.3380, 0.3625

Background



This preview shows how black text looks on a background with the Yxy color 93.2498, 0.3380, 0.3625.

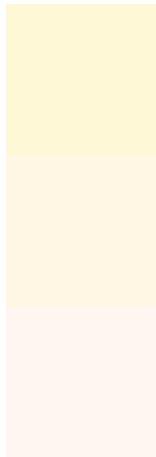


This preview shows how white text looks on a background with the Yxy color 93.2498, 0.3380, 0.3625.

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

93.2498, 0.3380, 0.3625

Protanopia

93.3276, 0.3301, 0.3486

Deuteranopia

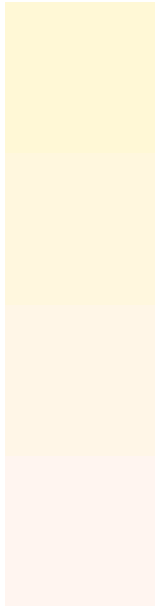
92.9157, 0.3216, 0.3329



Tritanopia

93.1814, 0.3132, 0.3185

Trichromacy



Original Color

93.2498, 0.3380, 0.3625

Protanomaly

93.0555, 0.3332, 0.3536

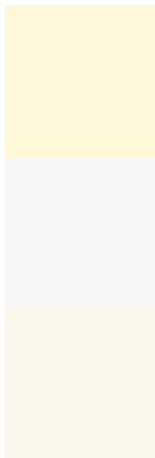
Deuteranomaly

92.9411, 0.3277, 0.3437

Tritanomaly

92.8561, 0.3222, 0.3339

Monochromacy



Original Color

93.2498, 0.3380, 0.3625

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.6018, 0.3218, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2498, 0.3380, 0.3625 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, 248, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 214)  
}
```

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, 248, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 214) }
```

Border

The CSS property to change the border of an element to Yxy 93.2498, 0.3380, 0.3625 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, 248, 214) }
```

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

```
.border{ border-color:rgb(255, 248, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2498, 0.3380, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 214) }
```

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

```
.background{ background-color: rgb(255,  
248, 214) }
```

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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