

Converting Colors

$Yxy(98.7917, 0.3601, 0.3575)$

Have a look what the booklet for
Yxy(98.7917, 0.3601, 0.3575)
contains.

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Color

Yxy(92.0778, 0.3377, 0.3596)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6D7
RGB	255, 246, 215
RGB Percent	100%, 96%, 84%
CMY	0.0000, 0.0353, 0.1568
CMYK	0.00, 0.04, 0.16, 0.00
HSL	46°, 100%, 92%
HSV	46°, 16%, 100%
XYZ	86.4702, 92.0778, 77.5082
YIQ	245.1570, 15.3150, -7.7330

Conversions

Conversions Part 2

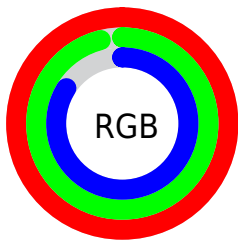
Format	Color
R _Y B	227, 255, 215
Decimal	16774871
CIE Lab	96.85, -1.95, 16.00
CIE LCh	97, 16.114, 96.942
Yxy	92.0778, 0.3377, 0.3596
Android (android.graphics.Color)	4294964951 (0xFFFFF6D7)
YUV	245.1570, -14.8674, 8.6323
Hunter-Lab	95.9572, -7.0728, 19.2793

Details

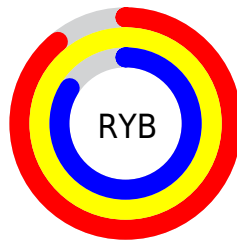
The Yxy color **92.0778, 0.3377, 0.3596** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.9846, 0.2875, 0.2964**, and the grayscale version is **91.5542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3707, 0.3431, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **87.4271, 0.3551, 0.3799**, and if you desaturate by 10%, it is **97.0372, 0.3214, 0.3398**.

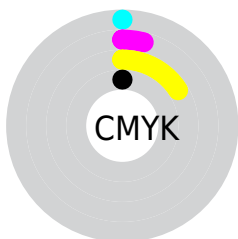
Distribution



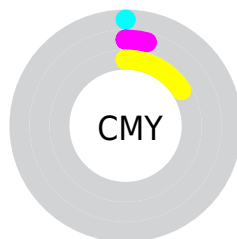
- Red (100%)
- Green (96%)
- Blue (84%)



- Red (89%)
- Yellow (100%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (0%)




- Cyan (0%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.0778, 0.3377, 0.3596 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 92.0778, 0.3377, 0.3596 by changing the saturation by 10% instead.

 92.0778, 0.3377,
0.3596

 92.0778, 0.3377,
0.3596

534.7669, 0.3267,
0.3460

 69.7052, 0.3401,
0.3626


150.2212, 0.3340,
0.3550

 51.2863, 0.3430,
0.3662

186.7609, 0.3325,
0.3532

 36.4365, 0.3466,
0.3707

228.7917, 0.3312,
0.3516

 24.7715, 0.3512,
0.3764

276.6981, 0.3301,
0.3502

 15.9069, 0.3571,
0.3840

330.8644, 0.3291,
0.3489

 9.4583, 0.3652,
0.3942

391.6750, 0.3282,

 5.0413, 0.3767,

0.3478

0.4091

459.5144, 0.3274,
0.3469

■ 2.2715, 0.3941,
0.4322

■ 0.7586, 0.4703,
0.5297

■ 92.0778, 0.3377,
0.3596

■ 92.0778, 0.3377,
0.3596

■ 87.4271, 0.3551,
0.3799

■ 97.0372, 0.3214,
0.3398

■ 83.0800, 0.3732,
0.4001

100.0000, 0.3127,
0.3290

■ 79.0236, 0.3917,
0.4193

■ 75.2459, 0.4099,
0.4367

■ 71.7334, 0.4269,
0.4512

■ 68.4714, 0.4419,
0.4616

■ 65.4426, 0.4542,
0.4674

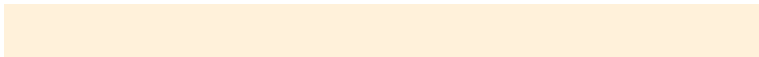
■ 62.6258, 0.4634,
0.4683

■ 61.4626, 0.4667,
0.4676

Harmonies

Analogous

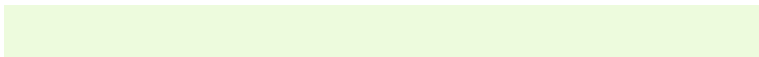
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0778, 0.3471, 0.3513



92.0778, 0.3377, 0.3596



92.0778, 0.3217, 0.3595

Triad

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



92.0778, 0.3377, 0.3596



92.0778, 0.2796, 0.3188



92.0778, 0.3212, 0.3088

Complementary

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



92.0778, 0.3377, 0.3596



74.9846, 0.2875, 0.2964

Split Complementary

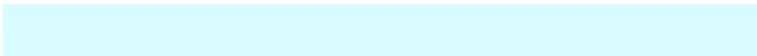
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0778, 0.3030, 0.3005



92.0778, 0.3377, 0.3596



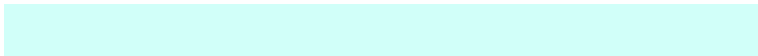
92.0778, 0.2794, 0.3057

Square

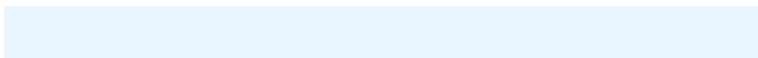
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.0778, 0.3377, 0.3596



92.0778, 0.2884, 0.3354



92.0778, 0.2878, 0.2992



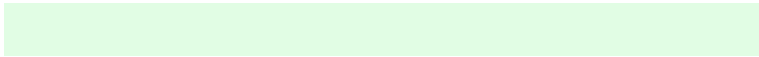
92.0778, 0.3374, 0.3222

Rectangle

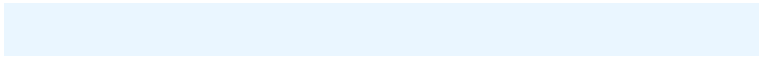
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.0778, 0.3377, 0.3596



92.0778, 0.3096, 0.3544



92.0778, 0.2878, 0.2992



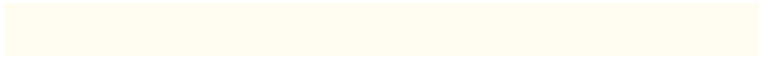
92.0778, 0.3151, 0.3053

Sweetspot

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



92.0760, 0.3377, 0.3596



97.3881, 0.3203, 0.3385



75.2642, 0.3357, 0.3197



20.7679, 0.3214, 0.3399



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.



92.0760, 0.3377, 0.3596



90.5002, 0.3433, 0.3663



95.7197, 0.3294, 0.3690



20.3562, 0.3275, 0.3473



32.3499, 0.4658, 0.4684



3.3117, 0.4594, 0.4735

Inverse Universe

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



74.9846, 0.2875, 0.2964



70.2824, 0.2818, 0.2887



71.9397, 0.2943, 0.2876



18.0409, 0.2979, 0.3100



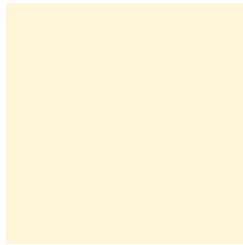
5.5044, 0.1566, 0.0837



0.6909, 0.1622, 0.1037

Previews

White Background



This preview shows how the Yxy color 92.0778, 0.3377, 0.3596 looks on a white background.

Color Contrast Check

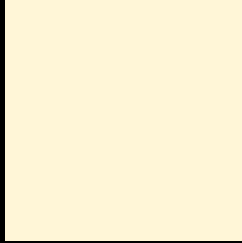
Large Text (above 18pt) WCAG AA × Fail

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 92.0778, 0.3377, 0.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

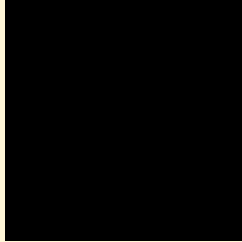
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.0778, 0.3377, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 92.0778, 0.3377, 0.3596.



This preview shows how white text looks on a background with the Yxy color 92.0778, 0.3377, 0.3596.

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

92.0778, 0.3377, 0.3596

Protanopia

91.8387, 0.3334, 0.3517

Deuteranopia

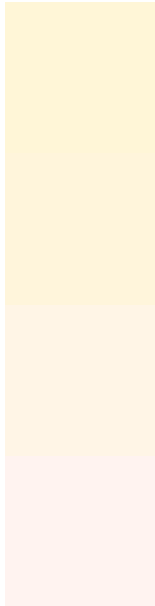
92.1934, 0.3229, 0.3339



Tritanopia

91.9200, 0.3139, 0.3175

Trichromacy



Original Color

92.0778, 0.3377, 0.3596

Protanomaly

91.6793, 0.3353, 0.3547

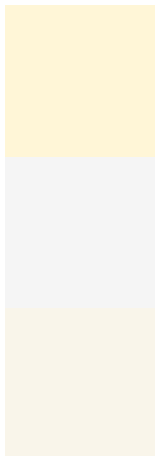
Deuteranomaly

92.2780, 0.3284, 0.3437

Tritanomaly

91.6525, 0.3224, 0.3319

Monochromacy



Original Color

92.0778, 0.3377, 0.3596

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.3851, 0.3220, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0778, 0.3377, 0.3596 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, 246, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 215)  
}
```

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, 246, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 215) }
```

Border

The CSS property to change the border of an element to Yxy 92.0778, 0.3377, 0.3596 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, 246, 215) }
```

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

```
.border{ border-color:rgb(255, 246, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0778, 0.3377, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 215) }
```

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

```
.background{ background-color: rgb(255,  
246, 215) }
```

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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