

Converting Colors

$Y_{xy}(108.5756, 0.3863, 0.3554)$

Have a look what the booklet for
Yxy(108.5756, 0.3863, 0.3554)
contains.

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Color

Yxy(92.6878, 0.3375, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7D7
RGB	255, 247, 215
RGB Percent	100%, 97%, 84%
CMY	0.0002, 0.0313, 0.1569
CMYK	0.00, 0.03, 0.16, 0.00
HSL	48°, 100%, 92%
HSV	48°, 16%, 100%
XYZ	86.7502, 92.6878, 77.5997
YIQ	245.7440, 15.0400, -8.2560

Conversions

Conversions Part 2

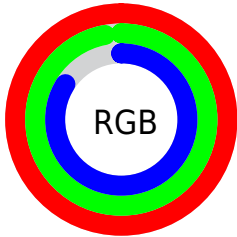
Format	Color
R _Y B	225, 255, 215
Decimal	16775127
CIE Lab	97.10, -2.50, 16.35
CIE LCh	97, 16.543, 98.681
Yxy	92.6878, 0.3375, 0.3606
Android (android.graphics.Color)	4294965207 (0xFFFFF7D7)
YUV	245.7440, -15.1568, 8.1175
Hunter-Lab	96.2745, -7.6391, 19.6029

Details

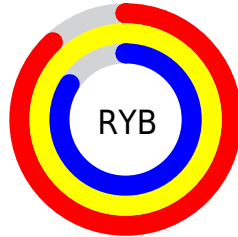
The Yxy color **92.6878, 0.3375, 0.3606** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.3897, 0.2875, 0.2953**, and the grayscale version is **92.0536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8054, 0.3428, 0.3680** is the 20% darker color. If you saturate the color by 10%, you get **88.4317, 0.3546, 0.3815**, and if you desaturate by 10%, it is **97.2402, 0.3214, 0.3402**.

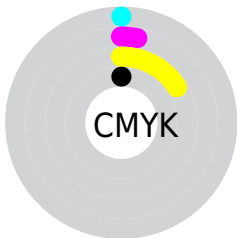
Distribution



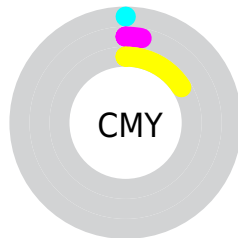
- Red (100%)
- Green (97%)
- Blue (84%)



- Red (88%)
- 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 92.6878, 0.3375, 0.3606 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 92.6878, 0.3375, 0.3606 by changing the saturation by 10% instead.


 92.6878, 0.3375,
0.3606

 92.6878, 0.3375,
0.3606


536.7359, 0.3266,
0.3465

 70.2120, 0.3399,
0.3637

151.0663, 0.3338,
0.3558

 51.6994, 0.3428,
0.3674

187.7378, 0.3323,
0.3539

 36.7655, 0.3463,
0.3721


229.9101, 0.3311,
0.3523

 25.0260, 0.3508,
0.3780

277.9675, 0.3299,
0.3509

 16.0964, 0.3566,
0.3857

332.2943, 0.3290,
0.3496

 9.5924, 0.3645,
0.3963

393.2751, 0.3281,

 5.1296, 0.3757,

0.3485

0.4117

461.2942, 0.3273,
0.3475

■ 2.3235, 0.3925,
0.4354

■ 0.7861, 0.4661,
0.5339

■ 92.6878, 0.3375,
0.3606

■ 92.6878, 0.3375,
0.3606

■ 88.4317, 0.3546,
0.3815

■ 97.2402, 0.3214,
0.3402

■ 84.4494, 0.3724,
0.4023

99.9898, 0.3127,
0.3290

■ 80.7343, 0.3903,
0.4221

■ 77.2745, 0.4077,
0.4399

■ 74.0571, 0.4238,
0.4547

■ 71.0676, 0.4378,
0.4656

■ 68.2889, 0.4490,
0.4717

■ 65.7004, 0.4573,
0.4732

■ 64.6263, 0.4602,
0.4728

Harmonies

Analogous

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



92.6878, 0.3476, 0.3525



92.6878, 0.3375, 0.3606



92.6878, 0.3209, 0.3600

Triad

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



92.6878, 0.3375, 0.3606



92.6878, 0.2785, 0.3176



92.6878, 0.3224, 0.3090

Complementary

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



92.6878, 0.3375, 0.3606



74.3897, 0.2875, 0.2953

Split Complementary

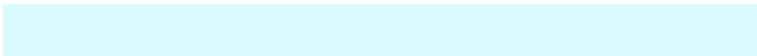
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.6878, 0.3038, 0.3001



92.6878, 0.3375, 0.3606



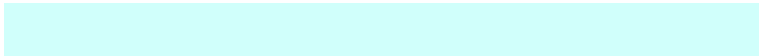
92.6878, 0.2789, 0.3045

Square

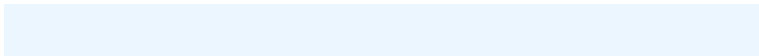
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.6878, 0.3375, 0.3606



92.6878, 0.2870, 0.3345



92.6878, 0.2880, 0.2984



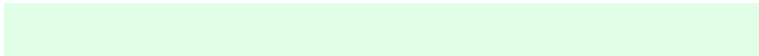
92.6878, 0.3388, 0.3229

Rectangle

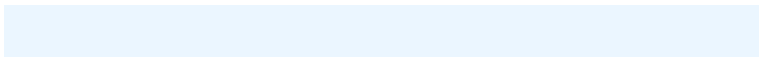
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.6878, 0.3375, 0.3606



92.6878, 0.3084, 0.3545



92.6878, 0.2880, 0.2984



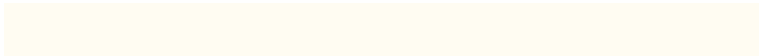
92.6878, 0.3162, 0.3054

Sweetspot

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



92.6919, 0.3375, 0.3606



97.6036, 0.3203, 0.3388



75.1718, 0.3367, 0.3210



20.8204, 0.3214, 0.3403



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.



92.6919, 0.3375, 0.3606



91.2867, 0.3431, 0.3675



95.4387, 0.3285, 0.3690



20.4428, 0.3274, 0.3479



34.0005, 0.4594, 0.4734



3.4590, 0.4540, 0.4777

Inverse Universe

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



74.3897, 0.2875, 0.2953



69.6122, 0.2817, 0.2873



72.1389, 0.2952, 0.2877



17.9607, 0.2979, 0.3093



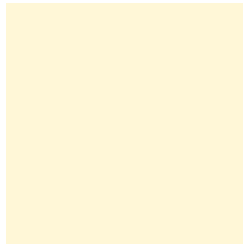
5.1535, 0.1553, 0.0791



0.6460, 0.1606, 0.0981

Previews

White Background



This preview shows how the Yxy color 92.6878, 0.3375, 0.3606 looks on a white background.

Color Contrast Check

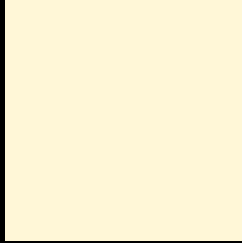
Large Text (above 18pt) WCAG AA × Fail

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 92.6878, 0.3375, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

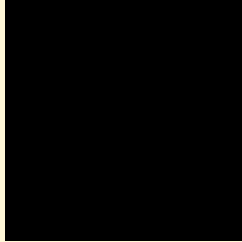
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.6878, 0.3375, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 92.6878, 0.3375, 0.3606.

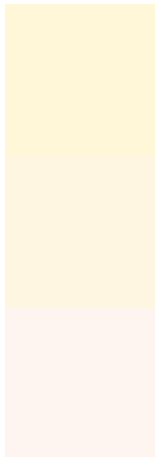


This preview shows how white text looks on a background with the Yxy color 92.6878, 0.3375, 0.3606.

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

92.6878, 0.3375, 0.3606

Protanopia

92.6078, 0.3314, 0.3496

Deuteranopia

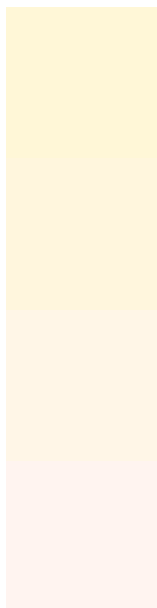
92.8561, 0.3222, 0.3339



Tritanopia

92.5169, 0.3139, 0.3185

Trichromacy



Original Color

92.6878, 0.3375, 0.3606

Protanomaly

92.3920, 0.3339, 0.3536

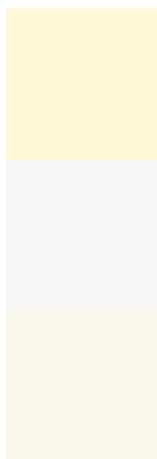
Deuteranomaly

92.9411, 0.3277, 0.3437

Tritanomaly

92.2526, 0.3223, 0.3329

Monochromacy



Original Color

92.6878, 0.3375, 0.3606

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.0494, 0.3213, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6878, 0.3375, 0.3606 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, 247, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 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, 247, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 215) }
```

Border

The CSS property to change the border of an element to Yxy 92.6878, 0.3375, 0.3606 is called "border". The border property can be set on classes, ids or directly on the HTML element.

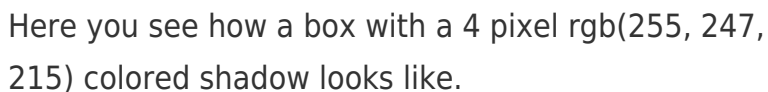
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 247, 215) }
```

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

```
.border{ border-color:rgb(255, 247, 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, 247, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 247, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 247, 215); box-shadow:4px 4px 4px 4px rgb(255, 247, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6878, 0.3375, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 215) }
```

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

```
.background{ background-color: rgb(255,  
247, 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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