

Converting Colors

$Y_{xy}(100.0000, 0.3658, 0.3622)$

Have a look what the booklet for
Yxy(100.0000, 0.3658, 0.3622)
contains.

Yxy(92.4347, 0.3407, 0.3656)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.4347, 0.3407, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7D2
RGB	255, 247, 210
RGB Percent	100%, 97%, 82%
CMY	0.0000, 0.0314, 0.1766
CMYK	0.00, 0.03, 0.18, 0.00
HSL	49°, 100%, 91%
HSV	49°, 18%, 100%
XYZ	86.1392, 92.4347, 74.2562
YIQ	245.1740, 16.6450, -9.8110

Conversions

Conversions Part 2

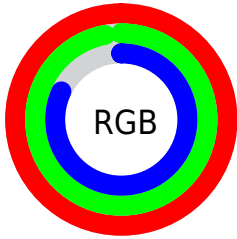
Format	Color
R_{YB}	220, 255, 210
Decimal	16775122
CIE Lab	97.00, -3.19, 18.78
CIE LCh	97, 19.049, 99.653
Yxy	92.4347, 0.3407, 0.3656
Android (android.graphics.Color)	4294965202 (0xFFFFF7D2)
YUV	245.1740, -17.3408, 8.6174
Hunter-Lab	96.1430, -8.3232, 21.5073

Details

The Yxy color **92.4347, 0.3407, 0.3656** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.0477, 0.2840, 0.2895**, and the grayscale version is **91.5865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.6339, 0.3468, 0.3744** is the 20% darker color. If you saturate the color by 10%, you get **88.5238, 0.3578, 0.3870**, and if you desaturate by 10%, it is **96.6118, 0.3244, 0.3446**.

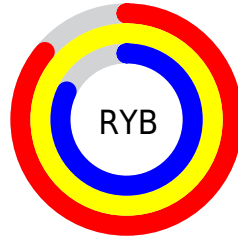
Distribution



Red (100%)

Green (97%)

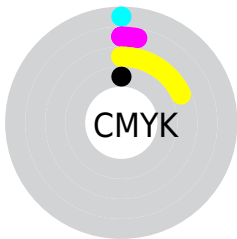
Blue (82%)



Red (86%)

Yellow (100%)

Blue (82%)

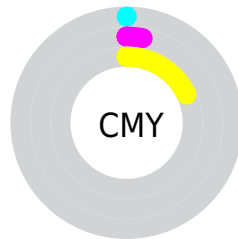


Cyan (0%)

Magenta (3%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (3%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.4347, 0.3407, 0.3656 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 92.4347, 0.3407, 0.3656 by changing the saturation by 10% instead.


 92.4347, 0.3407,
0.3656

 92.4347, 0.3407,
0.3656


535.9194, 0.3284,
0.3493

 70.0017, 0.3434,
0.3692


150.7157, 0.3365,
0.3601

 51.5280, 0.3466,
0.3735

187.3326, 0.3349,
0.3579

 36.6289, 0.3506,
0.3789


229.4462, 0.3335,
0.3560

 24.9203, 0.3556,
0.3858

277.4410, 0.3322,
0.3543

 16.0177, 0.3621,
0.3947

331.7013, 0.3311,
0.3528

 9.5367, 0.3708,
0.4070

392.6115, 0.3301,

 5.0929, 0.3830,

0.3515

0.4245

460.5561, 0.3292,
0.3504

■ 2.3019, 0.4022,
0.4530

■ 0.7747, 0.4594,
0.5406

■ 92.4347, 0.3407,
0.3656

■ 92.4347, 0.3407,
0.3656

■ 88.5238, 0.3578,
0.3870

■ 96.6118, 0.3244,
0.3446

■ 84.8745, 0.3753,
0.4081

100.0000, 0.3127,
0.3290

■ 81.4743, 0.3927,
0.4279

■ 78.3112, 0.4093,
0.4456

■ 75.3723, 0.4243,
0.4600

■ 72.6428, 0.4370,
0.4702

■ 70.1054, 0.4470,
0.4757

■ 67.7372, 0.4540,
0.4767

■ 67.1992, 0.4554,
0.4766

Harmonies

Analogous

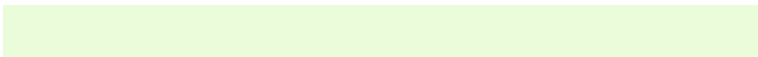
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4347, 0.3528, 0.3564



92.4347, 0.3407, 0.3656



92.4347, 0.3213, 0.3647

Triad

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



92.4347, 0.3407, 0.3656



92.4347, 0.2733, 0.3152



92.4347, 0.3246, 0.3065

Complementary

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



92.4347, 0.3407, 0.3656



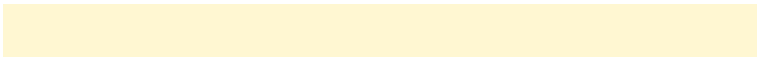
71.0477, 0.2840, 0.2895

Split Complementary

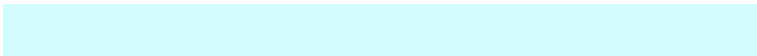
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.4347, 0.3030, 0.2961



92.4347, 0.3407, 0.3656



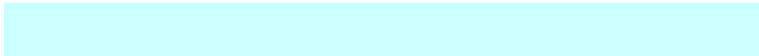
92.4347, 0.2740, 0.3004

Square

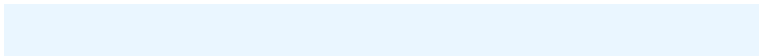
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.4347, 0.3407, 0.3656



92.4347, 0.2827, 0.3347



92.4347, 0.2847, 0.2937



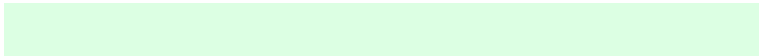
92.4347, 0.3434, 0.3225

Rectangle

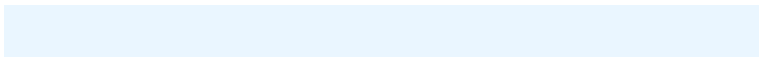
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.4347, 0.3407, 0.3656



92.4347, 0.3070, 0.3581



92.4347, 0.2847, 0.2937



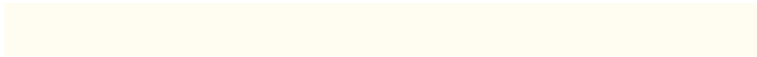
92.4347, 0.3174, 0.3023

Sweetspot

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



92.4329, 0.3407, 0.3656



97.7688, 0.3203, 0.3391



72.4143, 0.3409, 0.3207



20.8606, 0.3214, 0.3405



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

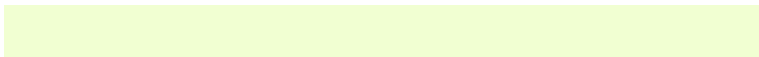
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4329, 0.3407, 0.3656



91.0966, 0.3463, 0.3728



94.8272, 0.3300, 0.3744



20.5092, 0.3274, 0.3484



35.3128, 0.4547, 0.4772



3.5754, 0.4499, 0.4809

Inverse Universe

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



71.0477, 0.2840, 0.2895



66.2714, 0.2780, 0.2811



69.1848, 0.2932, 0.2821



17.8995, 0.2979, 0.3088



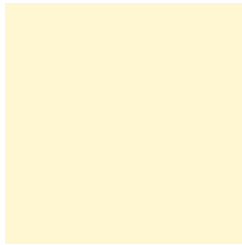
4.9158, 0.1544, 0.0759



0.6143, 0.1595, 0.0940

Previews

White Background



This preview shows how the Yxy color 92.4347, 0.3407, 0.3656 looks on a white background.

Color Contrast Check

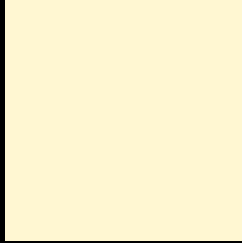
Large Text (above 18pt) WCAG AA × Fail

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 92.4347, 0.3407, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

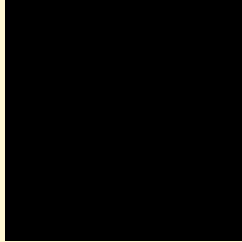
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.4347, 0.3407, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 92.4347, 0.3407, 0.3656.

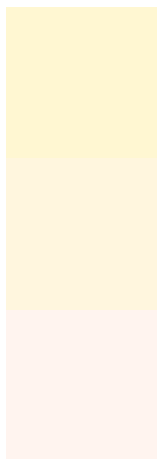


This preview shows how white text looks on a background with the Yxy color 92.4347, 0.3407, 0.3656.

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

92.4347, 0.3407, 0.3656

Protanopia

92.4455, 0.3333, 0.3526

Deuteranopia

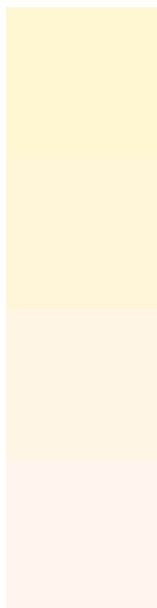
92.1934, 0.3229, 0.3339



Tritanopia

92.5169, 0.3139, 0.3185

Trichromacy



Original Color

92.4347, 0.3407, 0.3656

Protanomaly

92.2335, 0.3358, 0.3566

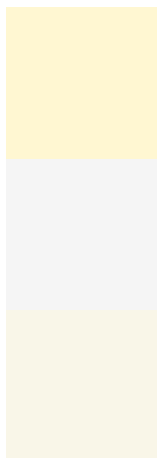
Deuteranomaly

92.1663, 0.3297, 0.3457

Tritanomaly

92.1344, 0.3236, 0.3349

Monochromacy



Original Color

92.4347, 0.3407, 0.3656

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.8775, 0.3231, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4347, 0.3407, 0.3656 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 210) }
```

Border

The CSS property to change the border of an element to Yxy 92.4347, 0.3407, 0.3656 is called "border". The border property can be set on classes, ids or directly on the HTML element.

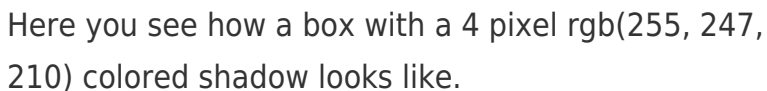
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 247, 210) }
```

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

```
.border{ border-color:rgb(255, 247, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 247, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 247, 210); box-shadow:4px 4px 4px 4px rgb(255, 247, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4347, 0.3407, 0.3656 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, 210) }
```

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

```
.background{ background-color: rgb(255,  
247, 210) }
```

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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