

Converting Colors

$Yxy(92.4403, 0.3442, 0.3731)$

Have a look what the booklet for
Yxy(92.4403, 0.3442, 0.3731)
contains.

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Color

Yxy(92.5174, 0.3442, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	FEF8CB
RGB	254, 248, 203
RGB Percent	100%, 97%, 80%
CMY	0.0039, 0.0274, 0.2041
CMYK	0.00, 0.02, 0.20, 0.00
HSL	53°, 96%, 90%
HSV	53°, 20%, 100%
XYZ	85.2140, 92.5174, 69.8399
YIQ	244.6640, 18.0210, -12.7230

Conversions

Conversions Part 2

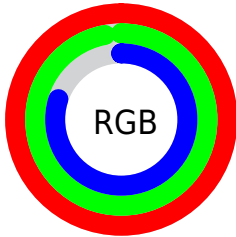
Format	Color
R _Y B	210, 254, 203
Decimal	16709835
CIE Lab	97.03, -5.08, 22.40
CIE LCh	97, 22.968, 102.773
Yxy	92.5174, 0.3442, 0.3737
Android (android.graphics.Color)	4294899915 (0xFFFEF8CB)
YUV	244.6640, -20.5404, 8.1877
Hunter-Lab	96.1860, -10.1869, 24.2802

Details

The Yxy color **92.5174, 0.3442, 0.3737** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.4187, 0.2794, 0.2800**, and the grayscale version is **91.1835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7395, 0.3505, 0.3833** is the 20% darker color. If you saturate the color by 10%, you get **89.5920, 0.3607, 0.3964**, and if you desaturate by 10%, it is **95.6785, 0.3281, 0.3511**.

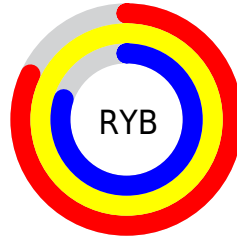
Distribution



Red (100%)

Green (97%)

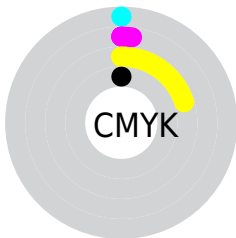
Blue (80%)



Red (82%)

Yellow (100%)

Blue (80%)

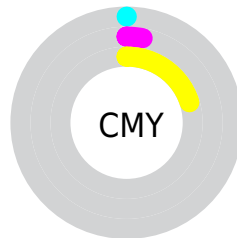


Cyan (0%)

Magenta (2%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.5174, 0.3442, 0.3737 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 92.5174, 0.3442, 0.3737 by changing the saturation by 10% instead.

 92.5174, 0.3442,
0.3737

 92.5174, 0.3442,
0.3737

536.1863, 0.3304,
0.3537

 70.0705, 0.3472,
0.3781


150.8303, 0.3396,
0.3669

 51.5840, 0.3507,
0.3834

187.4650, 0.3377,
0.3642

 36.6736, 0.3551,
0.3900


229.5978, 0.3361,
0.3619

 24.9549, 0.3606,
0.3984

277.6130, 0.3347,
0.3599

 16.0434, 0.3677,
0.4093

331.8951, 0.3334,
0.3581

 9.5549, 0.3769,
0.4242

392.8284, 0.3323,

 5.1048, 0.3896,

0.3565

0.4454

460.7973, 0.3313,
0.3550

■ 2.3089, 0.4131,
0.4847

■ 0.7784, 0.4417,
0.5583

■ 92.5174, 0.3442,
0.3737

■ 92.5174, 0.3442,
0.3737

■ 89.5920, 0.3607,
0.3964

■ 95.6785, 0.3281,
0.3511

■ 86.8802, 0.3772,
0.4185

■ 99.0722, 0.3129,
0.3292

■ 84.3755, 0.3931,
0.4389

■ 99.8097, 0.3121,
0.3290

■ 82.0663, 0.4077,
0.4567

■ 79.9397, 0.4202,
0.4708

■ 77.9808, 0.4302,
0.4807

■ 76.1721, 0.4374,
0.4859

■ 74.4998, 0.4420,
0.4872

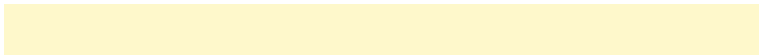
Harmonies

Analogous

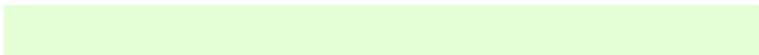
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5174, 0.3601, 0.3634



92.5174, 0.3442, 0.3737



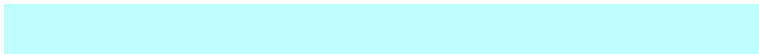
92.5174, 0.3202, 0.3715

Triad

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



92.5174, 0.3442, 0.3737



92.5174, 0.2650, 0.3099



92.5174, 0.3295, 0.3038

Complementary

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



92.5174, 0.3442, 0.3737



65.4187, 0.2794, 0.2800

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.



92.5174, 0.3036, 0.2906



92.5174, 0.3442, 0.3737



92.5174, 0.2672, 0.2932

Square

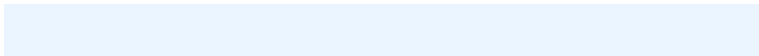
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.5174, 0.3442, 0.3737



92.5174, 0.2750, 0.3332



92.5174, 0.2810, 0.2866



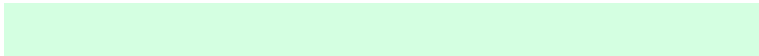
92.5174, 0.3516, 0.3232

Rectangle

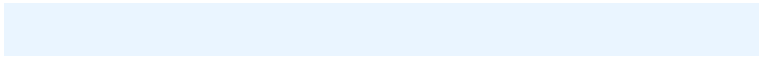
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.5174, 0.3442, 0.3737



92.5174, 0.3031, 0.3626



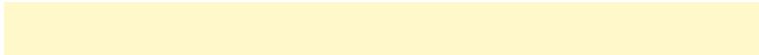
92.5174, 0.2810, 0.2866



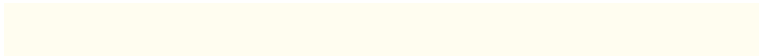
92.5174, 0.3209, 0.2985

Sweetspot

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



92.5215, 0.3442, 0.3737



97.9145, 0.3218, 0.3420



68.4039, 0.3476, 0.3221



20.9103, 0.3228, 0.3435



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

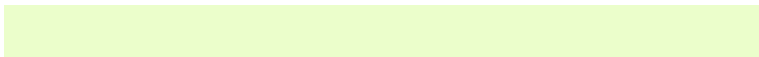
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5215, 0.3442, 0.3737



92.1740, 0.3506, 0.3826



92.8997, 0.3307, 0.3813



20.7057, 0.3272, 0.3498



39.4222, 0.4416, 0.4876



3.9369, 0.4387, 0.4899

Inverse Universe

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



65.4187, 0.2794, 0.2800



60.4240, 0.2722, 0.2690



65.3261, 0.2919, 0.2753



17.7205, 0.2979, 0.3073



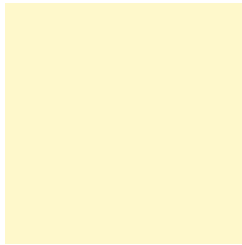
4.3625, 0.1523, 0.0683



0.5295, 0.1564, 0.0828

Previews

White Background



This preview shows how the Yxy color 92.5174, 0.3442, 0.3737 looks on a white background.

Color Contrast Check

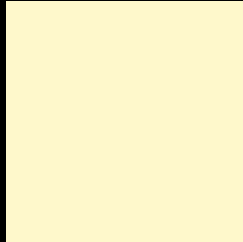
Large Text (above 18pt) WCAG AA × Fail

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 92.5174, 0.3442, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

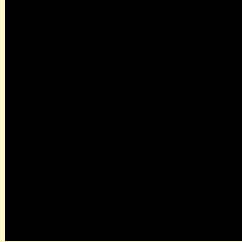
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.5174, 0.3442, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 92.5174, 0.3442, 0.3737.

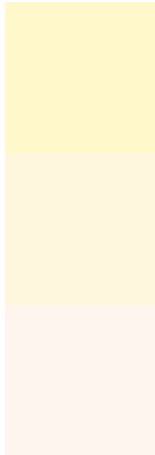


This preview shows how white text looks on a background with the Yxy color 92.5174, 0.3442, 0.3737.

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

92.5174, 0.3442, 0.3737

Protanopia

92.4455, 0.3333, 0.3526

Deuteranopia

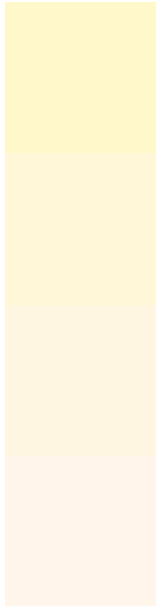
92.7968, 0.3229, 0.3349



Tritanopia

92.5169, 0.3139, 0.3185

Trichromacy



Original Color

92.5174, 0.3442, 0.3737

Protanomaly

92.6878, 0.3375, 0.3606

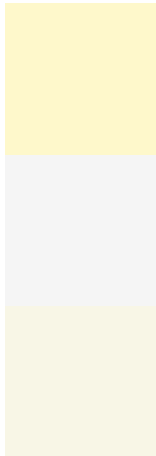
Deuteranomaly

92.6625, 0.3308, 0.3486

Tritanomaly

92.5630, 0.3253, 0.3388

Monochromacy



Original Color

92.5174, 0.3442, 0.3737

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.5812, 0.3237, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5174, 0.3442, 0.3737 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(254, 248, 203)` looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 203)  
}
```

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(254, 248, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 203) }
```

Border

The CSS property to change the border of an element to Yxy 92.5174, 0.3442, 0.3737 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(254, 248, 203) }
```

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

```
.border{ border-color:rgb(254, 248, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 248, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 203);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5174, 0.3442, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 248, 203) }
```

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

```
.background{ background-color: rgb(254,  
248, 203) }
```

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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