

Converting Colors

$Yxy(94.9163, 0.3613, 0.4094)$

Have a look what the booklet for
Yxy(94.9163, 0.3613, 0.4094)
contains.

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Color

Yxy(94.9330, 0.3616, 0.4098)

Conversions

Conversions Part 1

Format	Color
Hex	FEFEAC
RGB	254, 254, 172
RGB Percent	100%, 100%, 67%
CMY	0.0039, 0.0039, 0.3253
CMYK	0.00, 0.00, 0.32, 0.00
HSL	60°, 98%, 84%
HSV	60°, 32%, 100%
XYZ	83.7671, 94.9330, 52.9568
YIQ	244.6520, 26.3220, -25.5020

Conversions

Conversions Part 2

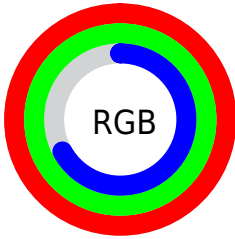
Format	Color
RYB	172, 254, 172
Decimal	16711340
CIELab	98.01, -12.03, 39.28
CIELCh	98, 41.079, 107.023
Yxy	94.9330, 0.3616, 0.4098
Android (android.graphics.Color)	4294901420 (0xFFFEFEAC)
YUV	244.6520, -35.8174, 8.1982
Hunter-Lab	97.4336, -17.0459, 35.9784

Details

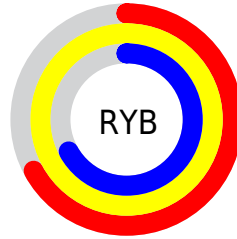
The Yxy color **94.9330, 0.3616, 0.4098** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **45.4553, 0.2547, 0.2330**, and the grayscale version is **91.3000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **53.0002, 0.3705, 0.4263** is the 20% darker color. If you saturate the color by 10%, you get **94.0504, 0.3760, 0.4336**, and if you desaturate by 10%, it is **96.0108, 0.3465, 0.3848**.

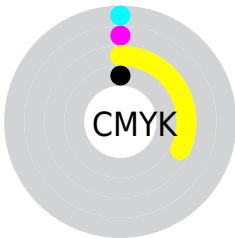
Distribution



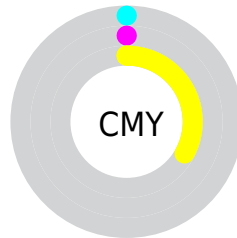
- Red (100%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9330, 0.3616, 0.4098 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 94.9330, 0.3616, 0.4098 by changing the saturation by 10% instead.

 94.9330, 0.3616,
0.4098

 94.9330, 0.3616,
0.4098


543.9505, 0.3409,
0.3738

 72.0792, 0.3658,
0.4176


 154.1720, 0.3548,
0.3976

 53.2234, 0.3708,
0.4270

191.3261, 0.3521,
0.3928

 37.9811, 0.3766,
0.4385


234.0157, 0.3496,
0.3886

 25.9680, 0.3836,
0.4529

282.6252, 0.3475,
0.3849

 16.7997, 0.3918,
0.4712

337.5390, 0.3456,
0.3817

 10.0918, 0.4011,
0.4948

399.1416, 0.3439,

 5.4599, 0.4118,

0.3787

0.5274

467.8173, 0.3423,
0.3761

■ 2.5195, 0.4237,
0.5763

■ 0.8864, 0.3824,
0.6176

■ 94.9330, 0.3616,
0.4098

■ 94.9330, 0.3616,
0.4098

■ 94.0504, 0.3760,
0.4336

■ 96.0108, 0.3465,
0.3848

■ 93.3393, 0.3890,
0.4551

■ 97.2806, 0.3311,
0.3594

■ 92.7924, 0.4001,
0.4734

■ 98.7559, 0.3161,
0.3345

■ 92.3965, 0.4087,
0.4877

■ 99.1857, 0.3121,
0.3281

■ 92.1365, 0.4147,
0.4976

99.1878, 0.3121,
0.3281

■ 91.9938, 0.4181,
0.5032

99.1899, 0.3121,
0.3281

■ 91.9430, 0.4193,
0.5052

99.1920, 0.3121,
0.3281

99.1941, 0.3121,
0.3281

99.1962, 0.3121,
0.3281

Harmonies

Analogous

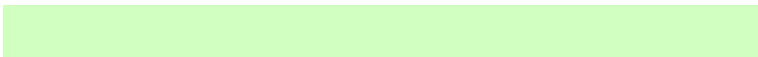
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9330, 0.3934, 0.3914



94.9330, 0.3616, 0.4098



94.9330, 0.3180, 0.4043

Triad

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



94.9330, 0.3616, 0.4098



94.9330, 0.2300, 0.2886



94.9330, 0.3483, 0.2897

Complementary

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



94.9330, 0.3616, 0.4098



45.4553, 0.2547, 0.2330

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.



94.9330, 0.3021, 0.2660



94.9330, 0.3616, 0.4098



94.9330, 0.2365, 0.2634

Square

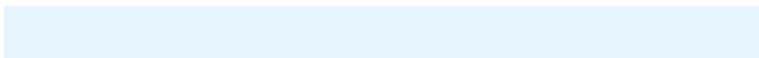
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.9330, 0.3616, 0.4098



94.9330, 0.2434, 0.3288



94.9330, 0.2619, 0.2562



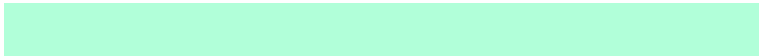
94.9330, 0.3864, 0.3228

Rectangle

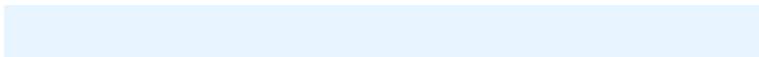
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.9330, 0.3616, 0.4098



94.9330, 0.2885, 0.3860



94.9330, 0.2619, 0.2562



94.9330, 0.3330, 0.2805

Sweetspot

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



94.9373, 0.3616, 0.4098



98.4630, 0.3277, 0.3537



53.6256, 0.3864, 0.3278



21.0325, 0.3298, 0.3573



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

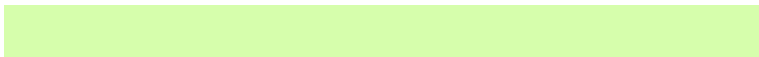
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9373, 0.3616, 0.4098



95.1568, 0.3714, 0.4260



88.2261, 0.3348, 0.4175



21.0904, 0.3269, 0.3525



48.4687, 0.4193, 0.5052



4.7194, 0.4193, 0.5052

Inverse Universe

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



45.4553, 0.2547, 0.2330



37.8736, 0.2403, 0.2093



50.6226, 0.2833, 0.2402



17.3782, 0.2978, 0.3044



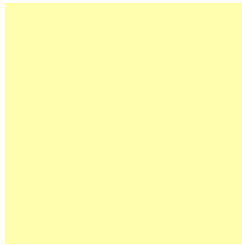
3.7731, 0.1500, 0.0600



0.3675, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 94.9330, 0.3616, 0.4098 looks on a white background.

Color Contrast Check

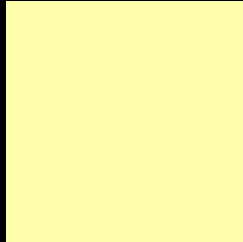
Large Text (above 18pt) WCAG AA × Fail

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 94.9330, 0.3616, 0.4098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

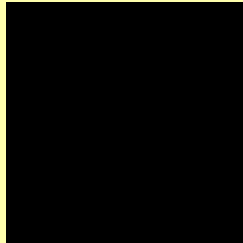
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.9330, 0.3616, 0.4098

Background



This preview shows how black text looks on a background with the Yxy color 94.9330, 0.3616, 0.4098.

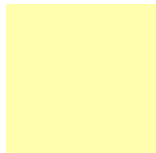


This preview shows how white text looks on a background with the Yxy color 94.9330, 0.3616, 0.4098.

Color Blindness Simulation

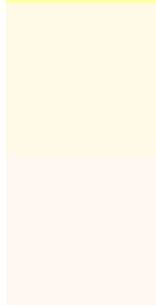
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.9330, 0.3616, 0.4098



Protanopia

94.7809, 0.3274, 0.3466

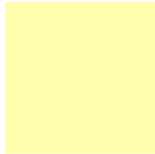
Deuteranopia

94.8056, 0.3208, 0.3348

Tritanopia

94.9373, 0.3137, 0.3223

Trichromacy



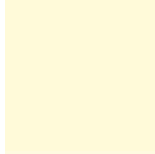
Original Color

94.9330, 0.3616, 0.4098



Protanomaly

94.9075, 0.3400, 0.3693



Deuteranomaly

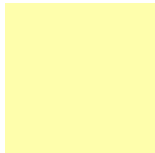
94.6410, 0.3359, 0.3614



Tritanomaly

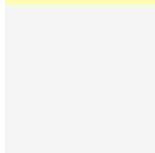
95.0130, 0.3316, 0.3544

Monochromacy



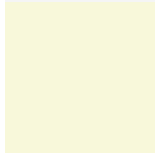
Original Color

94.9330, 0.3616, 0.4098



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.1532, 0.3308, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9330, 0.3616, 0.4098 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, 254, 172)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 172)  
}
```

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, 254, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 172) }
```

Border

The CSS property to change the border of an element to Yxy 94.9330, 0.3616, 0.4098 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, 254, 172) }
```

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

```
.border{ border-color:rgb(254, 254, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 254, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 172);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9330, 0.3616, 0.4098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 172) }
```

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

```
.background{ background-color: rgb(254,  
254, 172) }
```

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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