

Converting Colors

$Yxy(96.6755, 0.3250, 0.3587)$

Have a look what the booklet for
Yxy(96.6755, 0.3250, 0.3587)
contains.

Yxy(96.7304, 0.3252, 0.3586)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(96.7304, 0.3252, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	F7FFE1
RGB	247, 255, 225
RGB Percent	97%, 100%, 88%
CMY	0.0312, 0.0000, 0.1176
CMYK	0.03, 0.00, 0.12, 0.00
HSL	76°, 100%, 94%
HSV	76°, 12%, 100%
XYZ	87.7209, 96.7304, 85.2932
YIQ	249.1880, 4.8620, -11.0260

Conversions

Conversions Part 2

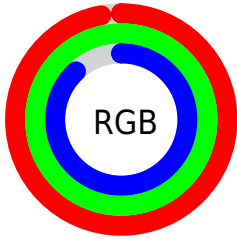
Format	Color
R_{YB}	225, 255, 233
Decimal	16252897
CIE Lab	98.72, -7.68, 13.43
CIE LCh	99, 15.471, 119.769
Yxy	96.7304, 0.3252, 0.3586
Android (android.graphics.Color)	4294442977 (0xFFFF7FFE1)
YUV	249.1880, -11.9247, -1.9189
Hunter-Lab	98.3516, -12.9091, 17.4282

Details

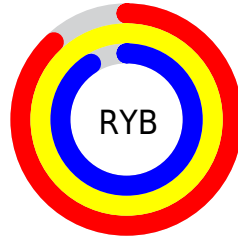
The Yxy color 96.7304, 0.3252, 0.3586 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 78.3982, 0.2993, 0.2986, and the grayscale version is 94.9993, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.3668, 0.3279, 0.3643 is the 20% darker color. If you saturate the color by 10%, you get 94.2373, 0.3359, 0.3853, and if you desaturate by 10%, it is 99.4844, 0.3146, 0.3333.

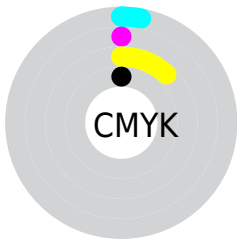
Distribution



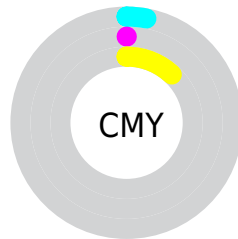
- Red (97%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.7304, 0.3252, 0.3586 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 96.7304, 0.3252, 0.3586 by changing the saturation by 10% instead.

 96.7304, 0.3252,
0.3586

 96.7304, 0.3252,
0.3586


549.6900, 0.3198,
0.3454

 73.5760, 0.3263,
0.3615

156.6531, 0.3234,
0.3541

 54.4471, 0.3277,
0.3650


194.1901, 0.3227,
0.3523

 38.9592, 0.3294,
0.3694


237.2902, 0.3220,
0.3508

 26.7280, 0.3315,
0.3750


286.3378, 0.3215,
0.3495

 17.3691, 0.3342,
0.3824

341.7171, 0.3210,
0.3483

 10.4980, 0.3378,
0.3925

403.8127, 0.3206,

 5.7304, 0.3428,

0.3472

0.4074

473.0088, 0.3202,
0.3463

■ 2.6818, 0.3498,
0.4311

■ 0.9680, 0.4033,
0.5346

■ 96.7304, 0.3252,
0.3586

■ 96.7304, 0.3252,
0.3586

■ 94.2373, 0.3359,
0.3853

■ 99.4844, 0.3146,
0.3333

■ 91.9828, 0.3462,
0.4127

■ 99.9955, 0.3127,
0.3290

■ 89.9607, 0.3558,
0.4400

■ 88.1599, 0.3640,
0.4661

■ 86.5681, 0.3704,
0.4899

■ 85.1716, 0.3744,
0.5101

■ 83.9547, 0.3759,
0.5259

■ 82.8985, 0.3747,
0.5368

■ 82.1254, 0.3722,
0.5426

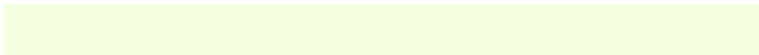
Harmonies

Analogous

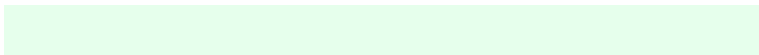
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.7304, 0.3391, 0.3567



96.7304, 0.3252, 0.3586



96.7304, 0.3082, 0.3520

Triad

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



96.7304, 0.3252, 0.3586



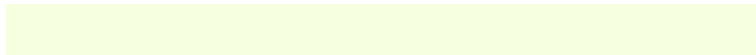
96.7304, 0.2805, 0.3095



96.7304, 0.3328, 0.3192

Complementary

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



96.7304, 0.3252, 0.3586



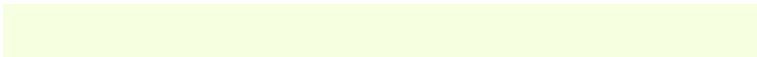
78.3982, 0.2993, 0.2986

Split Complementary

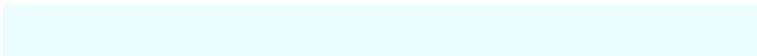
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.7304, 0.3166, 0.3075



96.7304, 0.3252, 0.3586



96.7304, 0.2866, 0.3017

Square

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



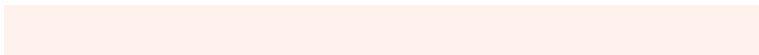
96.7304, 0.3252, 0.3586



96.7304, 0.2827, 0.3230



96.7304, 0.2997, 0.3011



96.7304, 0.3437, 0.3337

Rectangle

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



96.7304, 0.3252, 0.3586



96.7304, 0.2974, 0.3437



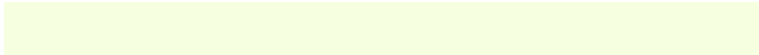
96.7304, 0.2997, 0.3011



96.7304, 0.3278, 0.3149

Sweetspot

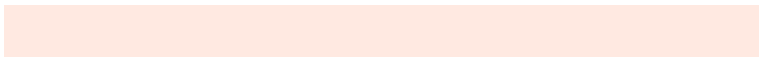
The Sweet Spot groups the original color and five complimentary colors.



96.7346, 0.3252, 0.3586



98.8508, 0.3169, 0.3388



84.6978, 0.3331, 0.3365



21.1129, 0.3177, 0.3407



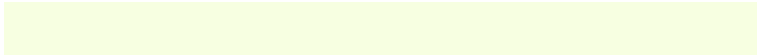
0.0000, 0.0000, 0.0000



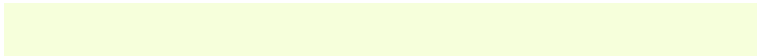
21.4041, 0.3127, 0.3290

Same Dimension

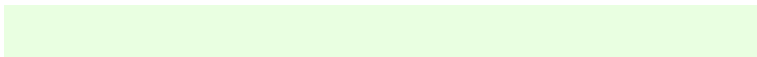
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.7346, 0.3252, 0.3586



96.1584, 0.3276, 0.3645



94.1944, 0.3159, 0.3594



20.8342, 0.3228, 0.3528



42.9916, 0.3730, 0.5420



4.2392, 0.3785, 0.5377

Inverse Universe

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



78.3982, 0.2993, 0.2986



74.6598, 0.2964, 0.2923



80.9449, 0.3090, 0.2995



17.6107, 0.3020, 0.3047



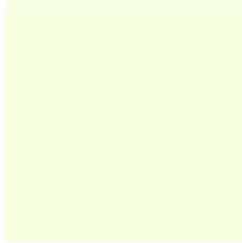
4.4694, 0.1659, 0.0688



0.4857, 0.1771, 0.0749

Previews

White Background



This preview shows how the Yxy color 96.7304, 0.3252, 0.3586 looks on a white background.

Color Contrast Check

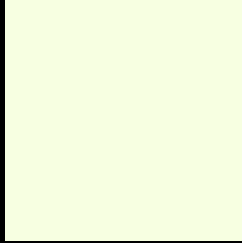
Large Text (above 18pt) WCAG AA × Fail

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 96.7304, 0.3252, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

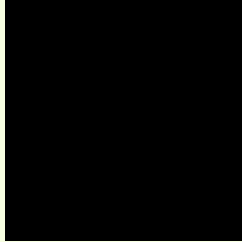
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

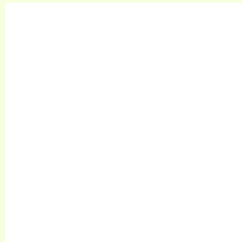
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.7304, 0.3252, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 96.7304, 0.3252, 0.3586.



This preview shows how white text looks on a background with the Yxy color 96.7304, 0.3252, 0.3586.

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

96.7304, 0.3252, 0.3586



Protanopia

96.6652, 0.3206, 0.3377

Deuteranopia

96.4708, 0.3165, 0.3300

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy



Original Color

96.7304, 0.3252, 0.3586

Protanomaly

96.3724, 0.3221, 0.3446

Deuteranomaly

96.6075, 0.3198, 0.3407

Tritanomaly

96.4765, 0.3161, 0.3368

Monochromacy



Original Color

96.7304, 0.3252, 0.3586

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.2421, 0.3173, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.7304, 0.3252, 0.3586 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(247, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 225)  
}
```

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(247, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 225) }
```

Border

The CSS property to change the border of an element to Yxy 96.7304, 0.3252, 0.3586 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(247, 255, 225) }
```

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

```
.border{ border-color:rgb(247, 255, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 96.7304, 0.3252, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 225) }
```

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

```
.background{ background-color: rgb(247,  
255, 225) }
```

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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