

Converting Colors

$Y_{xy}(182.6811, 0.3198, 0.4425)$

Have a look what the booklet for
Yxy(182.6811, 0.3198, 0.4425)
contains.

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Color

Yxy(97.7304, 0.3302, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	FDFDFD
RGB	253, 255, 223
RGB Percent	99%, 100%, 87%
CMY	0.0081, 0.0000, 0.1255
CMYK	0.01, 0.00, 0.13, 0.00
HSL	64°, 100%, 94%
HSV	64°, 13%, 100%
XYZ	89.5659, 97.7304, 83.9510
YIQ	250.7540, 9.0800, -10.3760

Conversions

Conversions Part 2

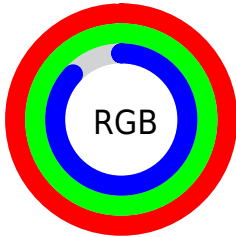
Format	Color
R _Y B	223, 255, 225
Decimal	16646111
CIE Lab	99.12, -5.99, 15.08
CIE LCh	99, 16.227, 111.664
Yxy	97.7304, 0.3302, 0.3603
Android (android.graphics.Color)	4294836191 (0xFFFDFFDF)
YUV	250.7540, -13.6827, 1.9697
Hunter-Lab	98.8587, -11.2819, 18.8519

Details

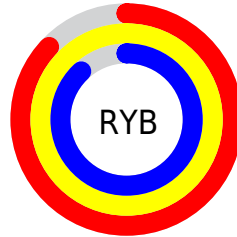
The Yxy color 97.7304, 0.3302, 0.3603 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 76.0124, 0.2940, 0.2960, and the grayscale version is 96.3435, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.9511, 0.3335, 0.3664 is the 20% darker color. If you saturate the color by 10%, you get 96.1334, 0.3444, 0.3860, and if you desaturate by 10%, it is 99.5082, 0.3162, 0.3352.

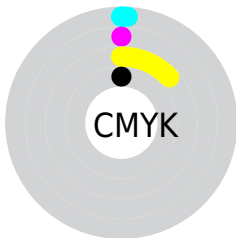
Distribution



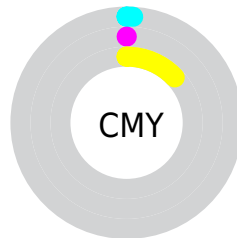
- Red (99%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.7304, 0.3302, 0.3603 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 97.7304, 0.3302, 0.3603 by changing the saturation by 10% instead.


 97.7304, 0.3302,
0.3603

 97.7304, 0.3302,
0.3603


552.8696, 0.3226,
0.3464

 74.4096, 0.3318,
0.3633


158.0314, 0.3277,
0.3556

 55.1293, 0.3338,
0.3670


195.7804, 0.3266,
0.3537

 39.5053, 0.3362,
0.3716

239.1075, 0.3258,
0.3521

 27.1530, 0.3392,
0.3774

288.3973, 0.3250,
0.3507

 17.6882, 0.3430,
0.3850

344.0339, 0.3243,
0.3494

 10.7263, 0.3481,
0.3955

406.4019, 0.3237,

 5.8831, 0.3553,

0.3483

0.4106

475.8857, 0.3231,
0.3473

■ 2.7741, 0.3656,
0.4342

■ 1.0150, 0.4342,
0.5421

■ 97.7304, 0.3302,
0.3603

■ 97.7304, 0.3302,
0.3603

■ 96.1334, 0.3444,
0.3860

■ 99.5082, 0.3162,
0.3352

■ 94.7515, 0.3583,
0.4116

100.0000, 0.3127,
0.3290

■ 93.5602, 0.3715,
0.4362

■ 92.5489, 0.3833,
0.4587

■ 91.7055, 0.3931,
0.4782

■ 91.0167, 0.4006,
0.4938

■ 90.4672, 0.4053,
0.5050

■ 90.0382, 0.4075,
0.5117

■ 89.7767, 0.4078,
0.5144

Harmonies

Analogous

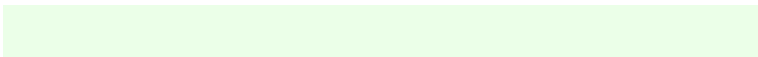
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.7304, 0.3431, 0.3559



97.7304, 0.3302, 0.3603



97.7304, 0.3128, 0.3558

Triad

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



97.7304, 0.3302, 0.3603



97.7304, 0.2788, 0.3119



97.7304, 0.3295, 0.3151

Complementary

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



97.7304, 0.3302, 0.3603



76.0124, 0.2940, 0.2960

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.



97.7304, 0.3118, 0.3041



97.7304, 0.3302, 0.3603



97.7304, 0.2829, 0.3019

Square

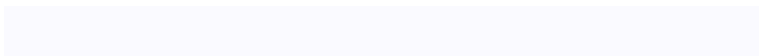
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



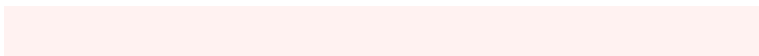
97.7304, 0.3302, 0.3603



97.7304, 0.2834, 0.3271



97.7304, 0.2949, 0.2993



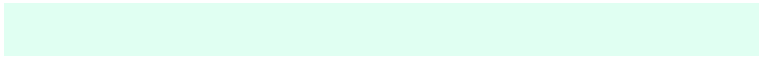
97.7304, 0.3428, 0.3297

Rectangle

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



97.7304, 0.3302, 0.3603



97.7304, 0.3011, 0.3482



97.7304, 0.2949, 0.2993



97.7304, 0.3239, 0.3109

Sweetspot

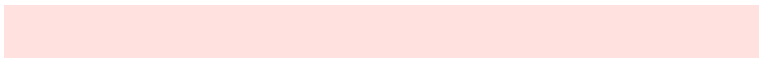
The Sweet Spot groups the original color and five complimentary colors.



97.7159, 0.3302, 0.3603



99.2351, 0.3182, 0.3388



80.2199, 0.3354, 0.3307



21.2104, 0.3193, 0.3407



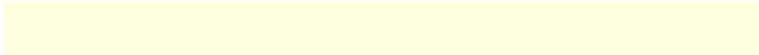
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

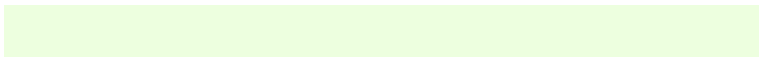
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.7159, 0.3302, 0.3603



97.3092, 0.3337, 0.3665



94.9206, 0.3202, 0.3613



21.0272, 0.3259, 0.3525



46.9359, 0.4080, 0.5142



4.5874, 0.4094, 0.5132

Inverse Universe

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



76.0124, 0.2940, 0.2960



71.8129, 0.2900, 0.2889



78.6234, 0.3044, 0.2970



17.4340, 0.2989, 0.3045



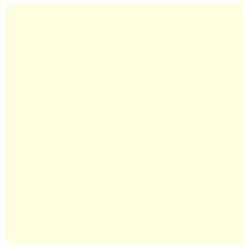
3.8537, 0.1519, 0.0611



0.3940, 0.1564, 0.0635

Previews

White Background



This preview shows how the Yxy color 97.7304, 0.3302, 0.3603 looks on a white background.

Color Contrast Check

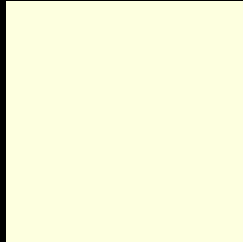
Large Text (above 18pt) WCAG AA × Fail

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 97.7304, 0.3302, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

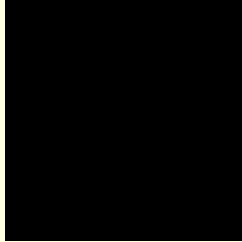
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.7304, 0.3302, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 97.7304, 0.3302, 0.3603.

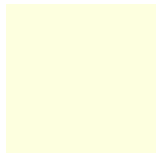


This preview shows how white text looks on a background with the Yxy color 97.7304, 0.3302, 0.3603.

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

97.7304, 0.3302, 0.3603



Protanopia

97.5346, 0.3181, 0.3348

Deuteranopia

97.8458, 0.3152, 0.3300

Tritanopia

97.9116, 0.3122, 0.3261

Trichromacy

**Original Color**

97.7304, 0.3302, 0.3603

**Protanomaly**

97.4944, 0.3222, 0.3435

Deuteranomaly

97.6723, 0.3204, 0.3406

Tritanomaly

97.7925, 0.3192, 0.3386

Monochromacy

**Original Color**

97.7304, 0.3302, 0.3603

**Achromatopsia**

96.4686, 0.3127, 0.3290

**Achromatomaly**

96.6671, 0.3192, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.7304, 0.3302, 0.3603 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(253, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 223)  
}
```

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(253, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 223) }
```

Border

The CSS property to change the border of an element to Yxy 97.7304, 0.3302, 0.3603 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(253, 255, 223) }
```

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

```
.border{ border-color:rgb(253, 255, 223) }
```

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

Here you see how a box with a 4 pixel rgb(253, 255, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 97.7304, 0.3302, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 223) }
```

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

```
.background{ background-color: rgb(253,  
255, 223) }
```

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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