

Converting Colors

$Y_{xy}(100.0000, 0.3403, 0.3535)$

Have a look what the booklet for
Yxy(100.0000, 0.3403, 0.3535)
contains.

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Color

Yxy(97.0566, 0.3294, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDE3
RGB	255, 253, 227
RGB Percent	100%, 99%, 89%
CMY	0.0000, 0.0078, 0.1098
CMYK	0.00, 0.01, 0.11, 0.00
HSL	56°, 100%, 95%
HSV	56°, 11%, 100%
XYZ	90.2355, 97.0566, 86.6469
YIQ	250.6340, 9.5380, -7.6620

Conversions

Conversions Part 2

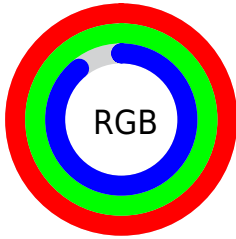
Format	Color
R_{YB}	229, 255, 227
Decimal	16776675
CIE Lab	98.85, -3.63, 12.68
CIE LCh	99, 13.191, 105.969
Yxy	97.0566, 0.3294, 0.3543
Android (android.graphics.Color)	4294966755 (0xFFFFFDE3)
YUV	250.6340, -11.6516, 3.8290
Hunter-Lab	98.5173, -8.9108, 16.8160

Details

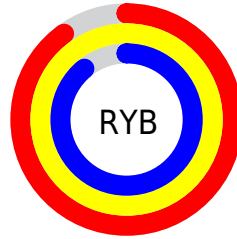
The Yxy color 97.0566, 0.3294, 0.3543 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 79.5867, 0.2954, 0.3024, and the grayscale version is 96.2415, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.4642, 0.3325, 0.3587 is the 20% darker color. If you saturate the color by 10%, you get 94.6071, 0.3452, 0.3780, and if you desaturate by 10%, it is 99.7258, 0.3142, 0.3312.

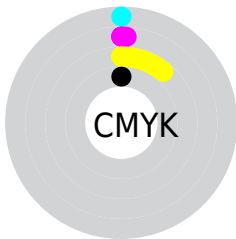
Distribution



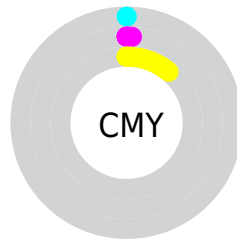
- Red (100%)
- Green (99%)
- Blue (89%)



- Red (90%)
- Yellow (100%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (0%)




- Cyan (0%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.0566, 0.3294, 0.3543 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 97.0566, 0.3294, 0.3543 by changing the saturation by 10% instead.


 97.0566, 0.3294,
0.3543

 97.0566, 0.3294,
0.3543

550.7282, 0.3221,
0.3431

 73.8479, 0.3310,
0.3567

157.1028, 0.3269,
0.3505

 54.6695, 0.3329,
0.3597


194.7091, 0.3260,
0.3490

 39.1372, 0.3352,
0.3634


237.8834, 0.3251,
0.3477

 26.8665, 0.3381,
0.3680

287.0100, 0.3244,
0.3466

 17.4730, 0.3419,
0.3742

342.4735, 0.3237,
0.3456

 10.5723, 0.3471,
0.3825

404.6580, 0.3231,

 5.7800, 0.3543,

0.3446

0.3946

473.9481, 0.3226,
0.3438

■ 2.7118, 0.3653,
0.4136

■ 0.9832, 0.4201,
0.4901

■ 97.0566, 0.3294,
0.3543

■ 97.0566, 0.3294,
0.3543

■ 94.6071, 0.3452,
0.3780


99.7258, 0.3142,
0.3312


■ 92.3678, 0.3612,
0.4017

100.0000, 0.3127,
0.3290


■ 90.3291, 0.3769,
0.4245


■ 88.4802, 0.3917,
0.4454

 86.8094, 0.4048,
0.4634

 85.3036, 0.4158,
0.4777

 83.9478, 0.4241,
0.4876

 82.7239, 0.4297,
0.4930

 81.7079, 0.4327,
0.4947

Harmonies

Analogous

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



97.0566, 0.3388, 0.3496



97.0566, 0.3294, 0.3543



97.0566, 0.3157, 0.3519

Triad

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



97.0566, 0.3294, 0.3543



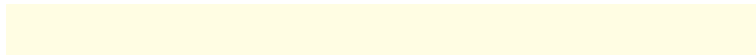
97.0566, 0.2851, 0.3173



97.0566, 0.3238, 0.3156

Complementary

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



97.0566, 0.3294, 0.3543



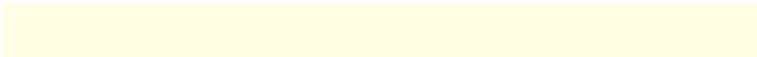
79.5867, 0.2954, 0.3024

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.



97.0566, 0.3093, 0.3074



97.0566, 0.3294, 0.3543



97.0566, 0.2872, 0.3081

Square

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



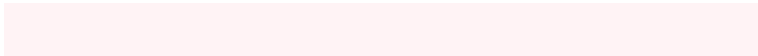
97.0566, 0.3294, 0.3543



97.0566, 0.2903, 0.3301



97.0566, 0.2959, 0.3046



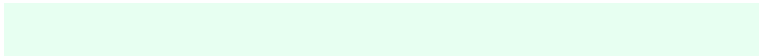
97.0566, 0.3356, 0.3273

Rectangle

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



97.0566, 0.3294, 0.3543



97.0566, 0.3059, 0.3466



97.0566, 0.2959, 0.3046



97.0566, 0.3191, 0.3124

Sweetspot

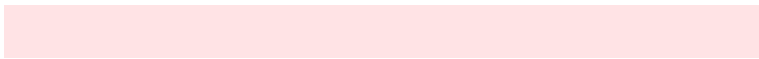
The Sweet Spot groups the original color and five complimentary colors.



97.0567, 0.3294, 0.3543



99.1690, 0.3172, 0.3358



81.8718, 0.3308, 0.3267



21.1794, 0.3184, 0.3376



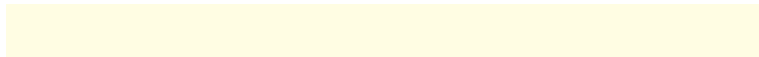
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

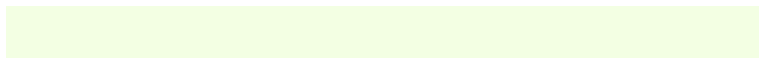
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.0567, 0.3294, 0.3543



96.5449, 0.3325, 0.3591



96.1796, 0.3217, 0.3568



20.8555, 0.3271, 0.3508



42.7882, 0.4324, 0.4949



4.2299, 0.4308, 0.4962

Inverse Universe

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



79.5867, 0.2954, 0.3024



76.1540, 0.2919, 0.2971



80.4486, 0.3030, 0.3009



17.5859, 0.2978, 0.3062



4.0775, 0.1512, 0.0643



0.4661, 0.1539, 0.0742

Previews

White Background



This preview shows how the Yxy color 97.0566, 0.3294, 0.3543 looks on a white background.

Color Contrast Check

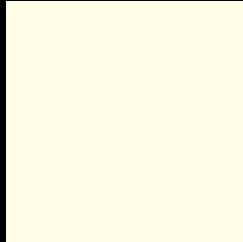
Large Text (above 18pt) WCAG AA × Fail

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 97.0566, 0.3294, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

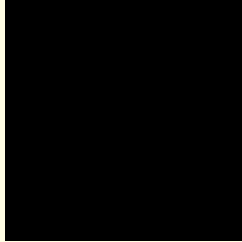
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.0566, 0.3294, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 97.0566, 0.3294, 0.3543.



This preview shows how white text looks on a background with the Yxy color 97.0566, 0.3294, 0.3543.

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

97.0566, 0.3294, 0.3543



Protanopia

96.7860, 0.3194, 0.3357

Deuteranopia

97.1565, 0.3158, 0.3300

Tritanopia

97.2852, 0.3123, 0.3252

Trichromacy



Original Color

97.0566, 0.3294, 0.3543



Protanomaly

97.0539, 0.3229, 0.3425



Deuteranomaly

97.2916, 0.3205, 0.3386



Tritanomaly

97.2842, 0.3181, 0.3357

Monochromacy



Original Color

97.0566, 0.3294, 0.3543



Achromatopsia

96.4686, 0.3127, 0.3290



Achromatomaly

96.7271, 0.3186, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.0566, 0.3294, 0.3543 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, 253, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 227)  
}
```

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, 253, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 227) }
```

Border

The CSS property to change the border of an element to Yxy 97.0566, 0.3294, 0.3543 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, 253, 227) }
```

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

```
.border{ border-color:rgb(255, 253, 227) }
```

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

Here you see how a box with a 4 pixel rgb(255, 253, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 97.0566, 0.3294, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 227) }
```

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

```
.background{ background-color: rgb(255,  
253, 227) }
```

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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