

Converting Colors

$Y_{xy}(114.3873, 0.3262, 0.3783)$

Have a look what the booklet for
Yxy(114.3873, 0.3262, 0.3783)
contains.

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Color

Yxy(98.1369, 0.3285, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFE3
RGB	254, 255, 227
RGB Percent	100%, 100%, 89%
CMY	0.0039, 0.0000, 0.1097
CMYK	0.00, 0.00, 0.11, 0.00
HSL	62°, 100%, 95%
HSV	62°, 11%, 100%
XYZ	90.5053, 98.1369, 86.8685
YIQ	251.5090, 8.3920, -8.9200

Conversions

Conversions Part 2

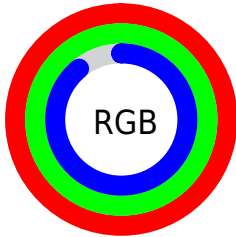
Format	Color
R_{YB}	227, 255, 228
Decimal	16711651
CIE _{Lab}	99.28, -4.97, 13.26
CIE _{LCh}	99, 14.157, 110.552
Yxy	98.1369, 0.3285, 0.3562
Android (android.graphics.Color)	4294901731 (0xFFFEFFFE3)
YUV	251.5090, -12.0829, 2.1846
Hunter-Lab	99.0641, -10.2839, 17.3539

Details

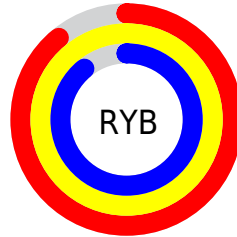
The Yxy color 98.1369, 0.3285, 0.3562 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 78.6740, 0.2960, 0.3004, and the grayscale version is 97.0179, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.2370, 0.3313, 0.3612 is the 20% darker color. If you saturate the color by 10%, you get 96.6663, 0.3432, 0.3817, and if you desaturate by 10%, it is 99.8254, 0.3141, 0.3313.

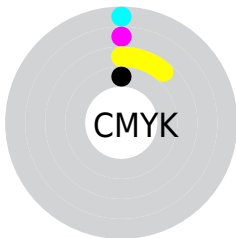
Distribution



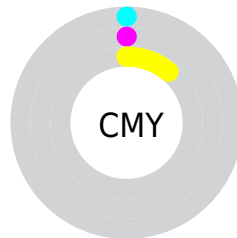
- Red (100%)
- Green (100%)
- Blue (89%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 98.1369, 0.3285, 0.3562 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 98.1369, 0.3285, 0.3562 by changing the saturation by 10% instead.


 98.1369, 0.3285,
0.3562

 98.1369, 0.3285,
0.3562

554.1594, 0.3216,
0.3442

 74.7486, 0.3300,
0.3588


158.5913, 0.3262,
0.3521

 55.4069, 0.3317,
0.3620


196.4262, 0.3253,
0.3505

 39.7276, 0.3339,
0.3660


239.8454, 0.3245,
0.3491

 27.3262, 0.3366,
0.3710

289.2332, 0.3238,
0.3479

 17.8184, 0.3402,
0.3776

344.9742, 0.3232,
0.3468

 10.8197, 0.3449,
0.3866

407.4526, 0.3226,

 5.9457, 0.3515,

0.3458

0.3996

477.0529, 0.3221,
0.3450

■ 2.8121, 0.3613,
0.4200

■ 1.0344, 0.4108,
0.4972

■ 98.1369, 0.3285,
0.3562

■ 98.1369, 0.3285,
0.3562

■ 96.6663, 0.3432,
0.3817

99.8254, 0.3141,
0.3313

■ 95.3916, 0.3578,
0.4071

99.9998, 0.3127,
0.3290

■ 94.3073, 0.3716,
0.4316

■ 93.4028, 0.3842,
0.4540

■ 92.6664, 0.3949,
0.4735

■ 92.0849, 0.4033,
0.4891

■ 91.6434, 0.4090,
0.5004

■ 91.3240, 0.4121,
0.5072

■ 91.1148, 0.4131,
0.5102

Harmonies

Analogous

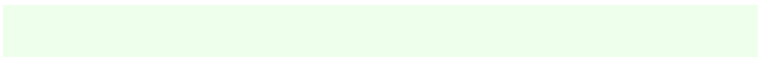
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98.1369, 0.3395, 0.3522



98.1369, 0.3285, 0.3562



98.1369, 0.3134, 0.3525

Triad

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



98.1369, 0.3285, 0.3562



98.1369, 0.2831, 0.3146



98.1369, 0.3268, 0.3164

Complementary

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



98.1369, 0.3285, 0.3562



78.6740, 0.2960, 0.3004

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.



98.1369, 0.3114, 0.3069



98.1369, 0.3285, 0.3562



98.1369, 0.2864, 0.3056

Square

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



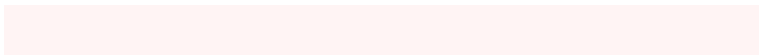
98.1369, 0.3285, 0.3562



98.1369, 0.2874, 0.3280



98.1369, 0.2967, 0.3030



98.1369, 0.3386, 0.3292

Rectangle

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



98.1369, 0.3285, 0.3562



98.1369, 0.3032, 0.3461



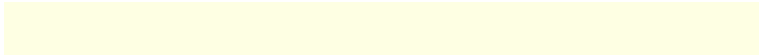
98.1369, 0.2967, 0.3030



98.1369, 0.3219, 0.3128

Sweetspot

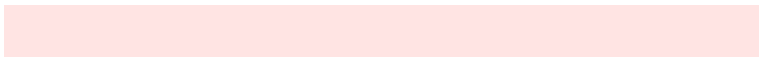
The Sweet Spot groups the original color and five complimentary colors.



98.1412, 0.3285, 0.3562



99.4659, 0.3170, 0.3363



82.2762, 0.3323, 0.3300



21.2600, 0.3181, 0.3383



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.



98.1412, 0.3285, 0.3562



97.8250, 0.3315, 0.3614



95.6078, 0.3196, 0.3570



21.0562, 0.3264, 0.3525



47.6241, 0.4132, 0.5101



4.6468, 0.4139, 0.5095

Inverse Universe

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



78.6740, 0.2960, 0.3004



75.0738, 0.2926, 0.2946



81.0451, 0.3052, 0.3012



17.4083, 0.2984, 0.3044



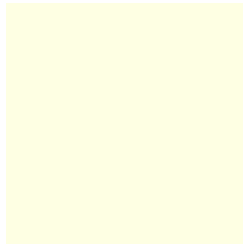
3.8161, 0.1510, 0.0606



0.3818, 0.1535, 0.0619

Previews

White Background



This preview shows how the Yxy color 98.1369, 0.3285, 0.3562 looks on a white background.

Color Contrast Check

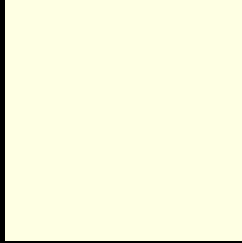
Large Text (above 18pt) WCAG AA × Fail

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 98.1369, 0.3285, 0.3562 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 98.1369, 0.3285, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 98.1369, 0.3285, 0.3562.



This preview shows how white text looks on a background with the Yxy color 98.1369, 0.3285, 0.3562.

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

98.1369, 0.3285, 0.3562



Protanopia

98.2879, 0.3169, 0.3338

Deuteranopia

97.9091, 0.3146, 0.3290

Tritanopia

97.9116, 0.3122, 0.3261

Trichromacy



Original Color

98.1369, 0.3285, 0.3562



Protanomaly

98.4349, 0.3215, 0.3425

Deuteranomaly

97.9816, 0.3198, 0.3386

Tritanomaly

97.9140, 0.3180, 0.3367

Monochromacy



Original Color

98.1369, 0.3285, 0.3562



Achromatopsia

97.3445, 0.3127, 0.3290



Achromatomaly

97.6043, 0.3186, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.1369, 0.3285, 0.3562 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 $rgb(254, 255, 227)$ looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 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(254, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 227) }
```

Border

The CSS property to change the border of an element to Yxy 98.1369, 0.3285, 0.3562 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, 255, 227) }
```

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

```
.border{ border-color:rgb(254, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 98.1369, 0.3285, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 227) }
```

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

```
.background{ background-color: rgb(254,  
255, 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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