

Converting Colors

$Y_{xy}(127.7607, 0.3236, 0.3917)$

Have a look what the booklet for
Yxy(127.7607, 0.3236, 0.3917)
contains.

Yxy(98.2480, 0.3273, 0.3543)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(98.2480, 0.3273, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFE5
RGB	254, 255, 229
RGB Percent	100%, 100%, 90%
CMY	0.0041, 0.0000, 0.1020
CMYK	0.00, 0.00, 0.10, 0.00
HSL	62°, 100%, 95%
HSV	62°, 10%, 100%
XYZ	90.7609, 98.2480, 88.2929
YIQ	251.7370, 7.7500, -8.2980

Conversions

Conversions Part 2

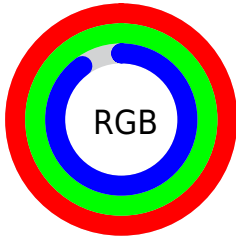
Format	Color
RYP	229, 255, 230
Decimal	16711653
CIELab	99.32, -4.69, 12.32
CIElCh	99, 13.186, 110.856
Yxy	98.2480, 0.3273, 0.3543
Android (android.graphics.Color)	4294901733 (0xFFFEFFE5)
YUV	251.7370, -11.2093, 1.9847
Hunter-Lab	99.1201, -10.0140, 16.5706

Details

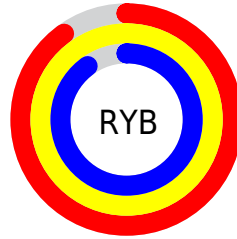
The Yxy color 98.2480, 0.3273, 0.3543 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 80.0748, 0.2973, 0.3025, and the grayscale version is 97.1902, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.3145, 0.3298, 0.3587 is the 20% darker color. If you saturate the color by 10%, you get 96.7243, 0.3419, 0.3798, and if you desaturate by 10%, it is 99.9626, 0.3130, 0.3295.

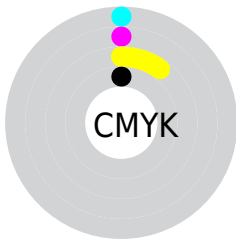
Distribution



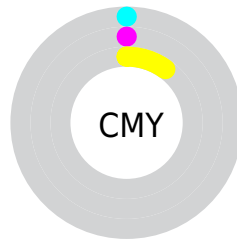
- Red (100%)
- Green (100%)
- Blue (90%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 98.2480, 0.3273, 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 98.2480, 0.3273, 0.3543 by changing the saturation by 10% instead.


 98.2480, 0.3273,
0.3543

 98.2480, 0.3273,
0.3543

554.5117, 0.3210,
0.3431

 74.8412, 0.3287,
0.3567


158.7443, 0.3252,
0.3505

 55.4828, 0.3303,
0.3597


196.6026, 0.3243,
0.3490

 39.7884, 0.3323,
0.3634

240.0469, 0.3236,
0.3477

 27.3736, 0.3348,
0.3680

289.4616, 0.3229,
0.3466

 17.8540, 0.3381,
0.3741

345.2310, 0.3224,
0.3456

 10.8452, 0.3425,
0.3825

407.7395, 0.3218,

 5.9629, 0.3487,

0.3447

0.3946

477.3716, 0.3214,
0.3438

■ 2.8225, 0.3579,
0.4136

■ 1.0398, 0.3996,
0.4797

■ 98.2480, 0.3273,
0.3543

■ 98.2480, 0.3273,
0.3543

■ 96.7243, 0.3419,
0.3798

99.9626, 0.3130,
0.3295

■ 95.4114, 0.3564,
0.4053

100.0000, 0.3127,
0.3290

■ 94.2900, 0.3703,
0.4299

■ 93.3493, 0.3829,
0.4526

■ 92.5780, 0.3937,
0.4724

■ 91.9629, 0.4021,
0.4885

■ 91.4893, 0.4080,
0.5002

■ 91.1394, 0.4112,
0.5074

■ 90.8885, 0.4122,
0.5109

Harmonies

Analogous

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



98.2480, 0.3376, 0.3507



98.2480, 0.3273, 0.3543



98.2480, 0.3133, 0.3508

Triad

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



98.2480, 0.3273, 0.3543



98.2480, 0.2851, 0.3155



98.2480, 0.3260, 0.3174

Complementary

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



98.2480, 0.3273, 0.3543



80.0748, 0.2973, 0.3025

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.



98.2480, 0.3117, 0.3085



98.2480, 0.3273, 0.3543



98.2480, 0.2883, 0.3072

Square

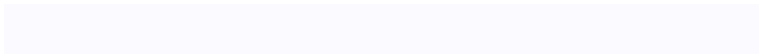
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



98.2480, 0.3273, 0.3543



98.2480, 0.2891, 0.3279



98.2480, 0.2979, 0.3047



98.2480, 0.3369, 0.3293

Rectangle

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



98.2480, 0.3273, 0.3543



98.2480, 0.3037, 0.3448



98.2480, 0.2979, 0.3047



98.2480, 0.3214, 0.3140

Sweetspot

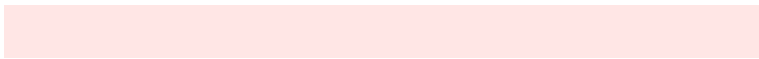
The Sweet Spot groups the original color and five complimentary colors.



98.2383, 0.3273, 0.3543



99.4588, 0.3169, 0.3363



83.4248, 0.3307, 0.3299



21.2580, 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.



98.2383, 0.3273, 0.3543



97.9511, 0.3299, 0.3588



95.8984, 0.3191, 0.3549



21.0514, 0.3263, 0.3525



47.5076, 0.4123, 0.5108



4.6368, 0.4132, 0.5101

Inverse Universe

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



80.0748, 0.2973, 0.3025



76.8555, 0.2944, 0.2975



82.2769, 0.3058, 0.3032



17.4125, 0.2985, 0.3044



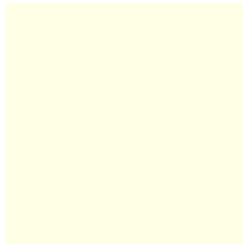
3.8222, 0.1512, 0.0607



0.3839, 0.1540, 0.0622

Previews

White Background



This preview shows how the Yxy color 98.2480, 0.3273, 0.3543 looks on a white background.

Color Contrast Check

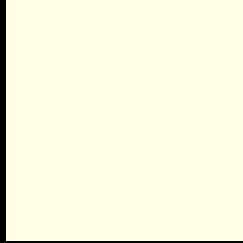
Large Text (above 18pt) WCAG AA × Fail

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 98.2480, 0.3273, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

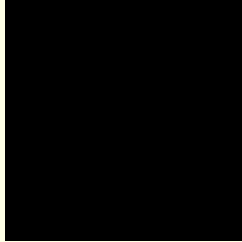
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.2480, 0.3273, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 98.2480, 0.3273, 0.3543.

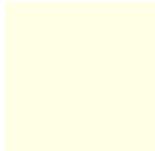


This preview shows how white text looks on a background with the Yxy color 98.2480, 0.3273, 0.3543.

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

98.2480, 0.3273, 0.3543



Protanopia

98.2879, 0.3169, 0.3338

Deuteranopia

98.5388, 0.3145, 0.3300

Tritanopia

98.5414, 0.3122, 0.3271

Trichromacy



Original Color

98.2480, 0.3273, 0.3543



Protanomaly

98.4945, 0.3209, 0.3415

Deuteranomaly

98.6753, 0.3192, 0.3386

Tritanomaly

98.6083, 0.3174, 0.3367

Monochromacy



Original Color

98.2480, 0.3273, 0.3543



Achromatopsia

97.3445, 0.3127, 0.3290



Achromatomaly

97.6649, 0.3180, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.2480, 0.3273, 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(254, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 229) }
```

Border

The CSS property to change the border of an element to Yxy 98.2480, 0.3273, 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(254, 255, 229) }
```

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

```
.border{ border-color:rgb(254, 255, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 98.2480, 0.3273, 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(254, 255, 229) }
```

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

```
.background{ background-color: rgb(254,  
255, 229) }
```

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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