

Converting Colors

Yxy(98.4813, 0.3257, 0.3512)

Have a look what the booklet for
Yxy(98.4813, 0.3257, 0.3512)
contains.

Yxy(98.4170, 0.3255, 0.3513)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(98.4170, 0.3255, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFE8
RGB	254, 255, 232
RGB Percent	100%, 100%, 91%
CMY	0.0041, 0.0000, 0.0901
CMYK	0.00, 0.00, 0.09, 0.00
HSL	63°, 100%, 95%
HSV	63°, 9%, 100%
XYZ	91.1891, 98.4170, 90.5448
YIQ	252.0790, 6.7870, -7.3650

Conversions

Conversions Part 2

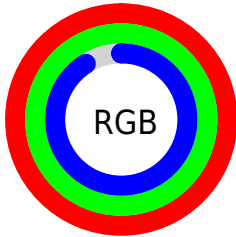
Format	Color
R_{YB}	232, 255, 233
Decimal	16711656
CIE Lab	99.38, -4.21, 10.86
CIE LCh	99, 11.650, 111.165
Yxy	98.4170, 0.3255, 0.3513
Android (android.graphics.Color)	4294901736 (0xFFFEFFFE8)
YUV	252.0790, -9.8989, 1.6847
Hunter-Lab	99.2053, -9.5329, 15.3297

Details

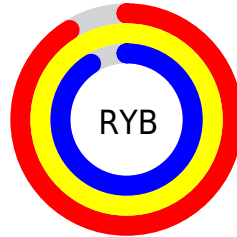
The Yxy color 98.4170, 0.3255, 0.3513 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 82.2754, 0.2993, 0.3058, and the grayscale version is 97.4851, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.3931, 0.3283, 0.3562 is the 20% darker color. If you saturate the color by 10%, you get 96.8479, 0.3400, 0.3768, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

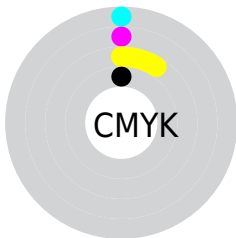
Distribution



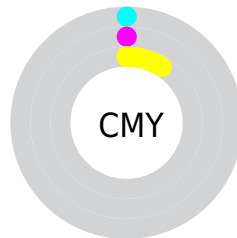
- Red (100%)
- Green (100%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 98.4170, 0.3255, 0.3513 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 98.4170, 0.3255, 0.3513 by changing the saturation by 10% instead.

 98.4170, 0.3255,
0.3513

 98.4170, 0.3255,
0.3513


555.0473, 0.3199,
0.3415

 74.9822, 0.3267,
0.3534

158.9770, 0.3236,
0.3480

 55.5983, 0.3281,
0.3561

196.8710, 0.3229,
0.3466

 39.8809, 0.3299,
0.3593


240.3534, 0.3222,
0.3455

 27.4457, 0.3321,
0.3634

289.8088, 0.3217,
0.3445

 17.9083, 0.3350,
0.3687

345.6215, 0.3212,
0.3436

 10.8841, 0.3389,
0.3761

408.1759, 0.3207,

 5.9890, 0.3444,

0.3428

0.3867

477.8563, 0.3203,
0.3421

■ 2.8384, 0.3526,
0.4035

■ 1.0479, 0.3842,
0.4546

■ 98.4170, 0.3255,
0.3513

■ 98.4170, 0.3255,
0.3513

■ 96.8479, 0.3400,
0.3768

100.0000, 0.3127,
0.3290

■ 95.4878, 0.3544,
0.4023

■ 94.3206, 0.3683,
0.4272

■ 93.3358, 0.3810,
0.4503

■ 92.5220, 0.3920,
0.4706

■ 91.8664, 0.4006,
0.4872

■ 91.3544, 0.4067,
0.4995

■ 90.9687, 0.4101,
0.5074

■ 90.6838, 0.4113,
0.5113

Harmonies

Analogous

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



98.4170, 0.3346, 0.3483



98.4170, 0.3255, 0.3513



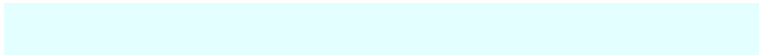
98.4170, 0.3131, 0.3481

Triad

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



98.4170, 0.3255, 0.3513



98.4170, 0.2883, 0.3171



98.4170, 0.3246, 0.3188

Complementary

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



98.4170, 0.3255, 0.3513



82.2754, 0.2993, 0.3058

Split Complementary

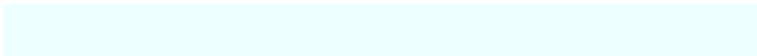
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.4170, 0.3120, 0.3109



98.4170, 0.3255, 0.3513



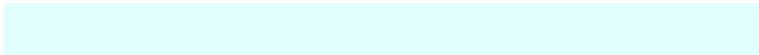
98.4170, 0.2912, 0.3097

Square

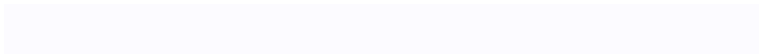
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



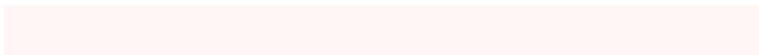
98.4170, 0.3255, 0.3513



98.4170, 0.2918, 0.3280



98.4170, 0.2998, 0.3075



98.4170, 0.3341, 0.3295

Rectangle

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



98.4170, 0.3255, 0.3513



98.4170, 0.3047, 0.3428



98.4170, 0.2998, 0.3075



98.4170, 0.3205, 0.3158

Sweetspot

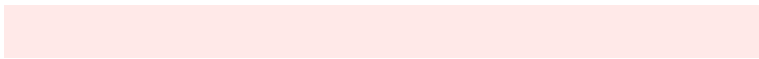
The Sweet Spot groups the original color and five complimentary colors.



98.4105, 0.3255, 0.3513



99.4515, 0.3169, 0.3363



85.2418, 0.3284, 0.3298



21.2560, 0.3181, 0.3383



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

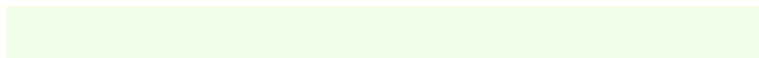
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98.4105, 0.3255, 0.3513



98.0835, 0.3284, 0.3563



96.3559, 0.3183, 0.3518



21.0464, 0.3262, 0.3525



47.3891, 0.4114, 0.5115



4.6265, 0.4124, 0.5108

Inverse Universe

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



82.2754, 0.2993, 0.3058



78.6606, 0.2961, 0.3003



84.2245, 0.3066, 0.3063



17.4169, 0.2985, 0.3045



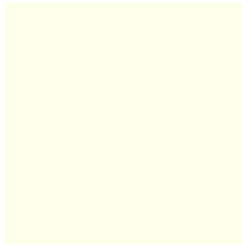
3.8284, 0.1513, 0.0607



0.3859, 0.1545, 0.0625

Previews

White Background



This preview shows how the Yxy color 98.4170, 0.3255, 0.3513 looks on a white background.

Color Contrast Check

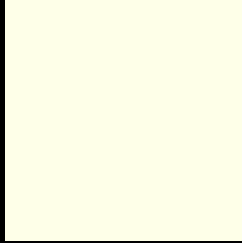
Large Text (above 18pt) WCAG AA × Fail

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 98.4170, 0.3255, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

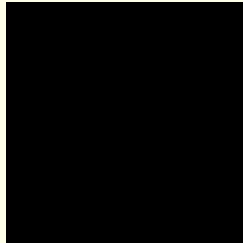
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.4170, 0.3255, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 98.4170, 0.3255, 0.3513.

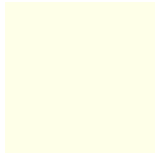


This preview shows how white text looks on a background with the Yxy color 98.4170, 0.3255, 0.3513.

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

98.4170, 0.3255, 0.3513



Protanopia

98.3501, 0.3163, 0.3328

Deuteranopia

98.5388, 0.3145, 0.3300

Tritanopia

98.5414, 0.3122, 0.3271

Trichromacy



Original Color

98.4170, 0.3255, 0.3513



Protanomaly

98.6147, 0.3198, 0.3396

Deuteranomaly

98.7362, 0.3186, 0.3376

Tritanomaly

98.6699, 0.3168, 0.3357

Monochromacy



Original Color

98.4170, 0.3255, 0.3513



Achromatopsia

97.3445, 0.3127, 0.3290



Achromatomaly

97.7258, 0.3174, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.4170, 0.3255, 0.3513 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 232) }
```

Border

The CSS property to change the border of an element to Yxy 98.4170, 0.3255, 0.3513 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, 232) }
```

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

```
.border{ border-color:rgb(254, 255, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 98.4170, 0.3255, 0.3513 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, 232) }
```

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

```
.background{ background-color: rgb(254,  
255, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor