

Converting Colors

$Y_{xy}(101.3119, 0.3237, 0.3567)$

Have a look what the booklet for
Yxy(101.3119, 0.3237, 0.3567)
contains.

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Color

Yxy(98.0416, 0.3243, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFE8
RGB	252, 255, 232
RGB Percent	99%, 100%, 91%
CMY	0.0116, 0.0000, 0.0903
CMYK	0.01, 0.00, 0.09, 0.00
HSL	68°, 100%, 95%
HSV	68°, 9%, 100%
XYZ	90.4806, 98.0416, 90.4806
YIQ	251.4810, 5.5950, -7.7890

Conversions

Conversions Part 2

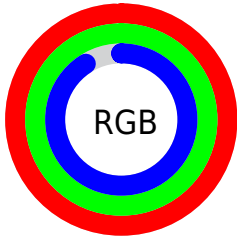
Format	Color
R _{YB}	232, 255, 235
Decimal	16580584
CIE Lab	99.24, -4.85, 10.66
CIE LCh	99, 11.709, 114.489
Yxy	98.0416, 0.3243, 0.3514
Android (android.graphics.Color)	4294770664 (0xFFFCFFE8)
YUV	251.4810, -9.6041, 0.4552
Hunter-Lab	99.0160, -10.1649, 15.1321

Details

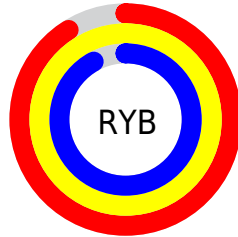
The Yxy color 98.0416, 0.3243, 0.3514 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 82.5688, 0.3005, 0.3058, and the grayscale version is 96.9752, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.1249, 0.3266, 0.3563 is the 20% darker color. If you saturate the color by 10%, you get 96.0965, 0.3374, 0.3772, and if you desaturate by 10%, it is 99.9962, 0.3127, 0.3290.

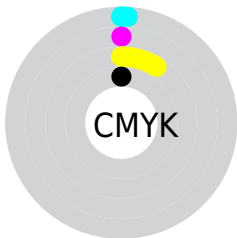
Distribution



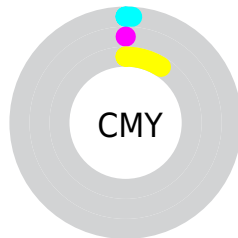
- Red (99%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (92%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 98.0416, 0.3243, 0.3514 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 98.0416, 0.3243, 0.3514 by changing the saturation by 10% instead.


 98.0416, 0.3243,
0.3514

 98.0416, 0.3243,
0.3514


553.8572, 0.3193,
0.3415

 74.6691, 0.3254,
0.3536

158.4601, 0.3226,
0.3480

 55.3418, 0.3267,
0.3562

196.2748, 0.3219,
0.3467

 39.6755, 0.3283,
0.3594

239.6724, 0.3214,
0.3456

 27.2856, 0.3303,
0.3636

289.0373, 0.3208,
0.3445

 17.7878, 0.3329,
0.3690

344.7538, 0.3204,
0.3437

 10.7978, 0.3364,
0.3765

407.2064, 0.3200,

 5.9310, 0.3413,

0.3429

0.3873

476.7794, 0.3196,
0.3421

■ 2.8032, 0.3487,
0.4044

■ 1.0299, 0.3790,
0.4573

■ 98.0416, 0.3243,
0.3514

■ 98.0416, 0.3243,
0.3514

■ 96.0965, 0.3374,
0.3772

99.9962, 0.3127,
0.3290

■ 94.3588, 0.3503,
0.4034

■ 92.8230, 0.3627,
0.4292

■ 91.4786, 0.3738,
0.4536

■ 90.3140, 0.3832,
0.4755

■ 89.3166, 0.3904,
0.4939

■ 88.4715, 0.3950,
0.5080

■ 87.7616, 0.3970,
0.5176

■ 87.1611, 0.3966,
0.5229

Harmonies

Analogous

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



98.0416, 0.3340, 0.3490



98.0416, 0.3243, 0.3514



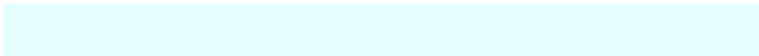
98.0416, 0.3116, 0.3475

Triad

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



98.0416, 0.3243, 0.3514



98.0416, 0.2881, 0.3159



98.0416, 0.3259, 0.3199

Complementary

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



98.0416, 0.3243, 0.3514



82.5688, 0.3005, 0.3058

Split Complementary

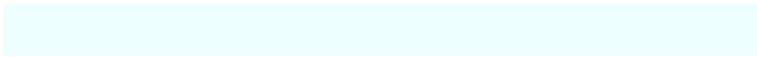
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.0416, 0.3134, 0.3115



98.0416, 0.3243, 0.3514



98.0416, 0.2917, 0.3090

Square

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



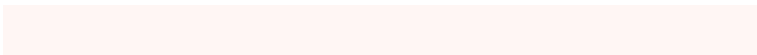
98.0416, 0.3243, 0.3514



98.0416, 0.2909, 0.3267



98.0416, 0.3009, 0.3075



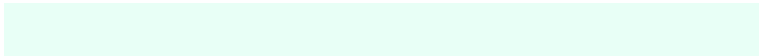
98.0416, 0.3350, 0.3307

Rectangle

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



98.0416, 0.3243, 0.3514



98.0416, 0.3033, 0.3418



98.0416, 0.3009, 0.3075



98.0416, 0.3220, 0.3167

Sweetspot

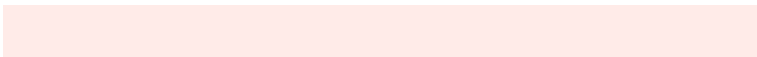
The Sweet Spot groups the original color and five complimentary colors.



98.0459, 0.3243, 0.3514



99.3319, 0.3165, 0.3363



86.3074, 0.3283, 0.3317



21.2236, 0.3176, 0.3383



0.0000, 0.0000, 0.0000



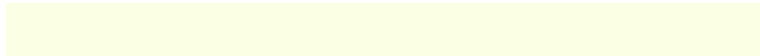
21.4041, 0.3127, 0.3290

Same Dimension

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



98.0459, 0.3243, 0.3514



97.6491, 0.3269, 0.3564



96.0068, 0.3171, 0.3519



20.9660, 0.3249, 0.3526



45.5630, 0.3969, 0.5230



4.4678, 0.3996, 0.5209

Inverse Universe

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



82.5688, 0.3005, 0.3058



79.0430, 0.2977, 0.3004



84.5438, 0.3079, 0.3064



17.4891, 0.2998, 0.3045



3.9725, 0.1547, 0.0626



0.4199, 0.1625, 0.0669

Previews

White Background



This preview shows how the Yxy color 98.0416, 0.3243, 0.3514 looks on a white background.

Color Contrast Check

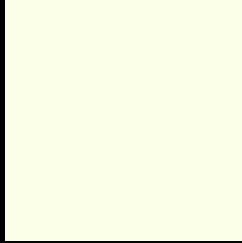
Large Text (above 18pt) WCAG AA × Fail

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 98.0416, 0.3243, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

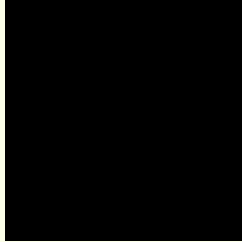
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.0416, 0.3243, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 98.0416, 0.3243, 0.3514.



This preview shows how white text looks on a background with the Yxy color 98.0416, 0.3243, 0.3514.

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

98.0416, 0.3243, 0.3514



Protanopia

98.2879, 0.3169, 0.3338

Deuteranopia

97.9091, 0.3146, 0.3290

Tritanopia

97.7235, 0.3116, 0.3261

Trichromacy



Original Color

98.0416, 0.3243, 0.3514

Protanomaly

98.3653, 0.3197, 0.3406

Deuteranomaly

97.9140, 0.3180, 0.3367

Tritanomaly

97.8486, 0.3162, 0.3348

Monochromacy



Original Color

98.0416, 0.3243, 0.3514



Achromatopsia

96.4686, 0.3127, 0.3290



Achromatomaly

96.6617, 0.3168, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.0416, 0.3243, 0.3514 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(252, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 232) }
```

Border

The CSS property to change the border of an element to Yxy 98.0416, 0.3243, 0.3514 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(252, 255, 232) }
```

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

```
.border{ border-color:rgb(252, 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(252, 255, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 98.0416, 0.3243, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 232) }
```

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

```
.background{ background-color: rgb(252,  
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](#).

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