

Converting Colors

$Y_{xy}(100.0000, 0.3198, 0.3439)$

Have a look what the booklet for
Yxy(100.0000, 0.3198, 0.3439)
contains.

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Color

Yxy(98.9417, 0.3202, 0.3425)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FEFFF1 |
| RGB | 254, 255, 241 |
| RGB Percent | 100%, 100%, 95% |
| CMY | 0.0041, 0.0000, 0.0549 |
| CMYK | 0.00, 0.00, 0.05, 0.00 |
| HSL | 64°, 100%, 97% |
| HSV | 64°, 5%, 100% |
| XYZ | 92.4997, 98.9417, 97.4395 |
| YIQ | 253.1050, 3.8980, -4.5660 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 241, 255, 242 |
| Decimal | 16711665 |
| CIE _{Lab} | 99.59, -2.74, 6.56 |
| CIE _{LCh} | 100, 7.108, 112.651 |
| Y _{xy} | 98.9417, 0.3202, 0.3425 |
| Android (android.graphics.Color) | 4294901745 (0xFFFEFF1) |
| Y _{UV} | 253.1050, -5.9678, 0.7849 |
| Hunter-Lab | 99.4694, -8.0790, 11.5486 |

Details

The Yxy color 98.9417, 0.3202, 0.3425 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.0138, 0.3050, 0.3152, and the grayscale version is 98.3566, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.7613, 0.3215, 0.3449 is the 20% darker color. If you saturate the color by 10%, you get 97.1616, 0.3341, 0.3678, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

Distribution



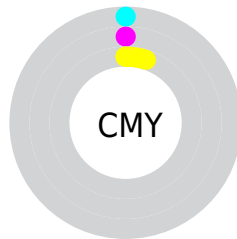
- Red (100%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (95%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 98.9417, 0.3202, 0.3425 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 98.9417, 0.3202, 0.3425 by changing the saturation by 10% instead.


 98.9417, 0.3202,
0.3425

 98.9417, 0.3202,
0.3425


556.7084, 0.3169,
0.3366

 75.4200, 0.3209,
0.3438


159.6992, 0.3191,
0.3405

 55.9570, 0.3217,
0.3454

197.7037, 0.3187,
0.3397

 40.1684, 0.3228,
0.3473


241.3046, 0.3183,
0.3390

 27.6699, 0.3241,
0.3497

290.8862, 0.3180,
0.3384

 18.0770, 0.3258,
0.3529

346.8330, 0.3177,
0.3379

 11.0053, 0.3281,
0.3573

409.5294, 0.3174,

 6.0704, 0.3314,

0.3374

0.3637

479.3598, 0.3172,
0.3370

■ 2.8879, 0.3365,
0.3737

■ 1.0735, 0.3483,
0.3951

■ 98.9417, 0.3202,
0.3425

■ 98.9417, 0.3202,
0.3425

■ 97.1616, 0.3341,
0.3678

100.0000, 0.3127,
0.3290

■ 95.5964, 0.3481,
0.3936

■ 94.2298, 0.3617,
0.4191

■ 93.0516, 0.3744,
0.4434

■ 92.0507, 0.3855,
0.4653

■ 91.2148, 0.3945,
0.4839

■ 90.5300, 0.4010,
0.4984

■ 89.9802, 0.4048,
0.5085

■ 89.5454, 0.4061,
0.5141

Harmonies

Analogous

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



98.9417, 0.3258, 0.3409



98.9417, 0.3202, 0.3425



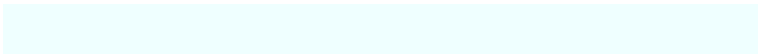
98.9417, 0.3126, 0.3403

Triad

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



98.9417, 0.3202, 0.3425



98.9417, 0.2977, 0.3215



98.9417, 0.3203, 0.3231

Complementary

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



98.9417, 0.3202, 0.3425



89.0138, 0.3050, 0.3152

Split Complementary

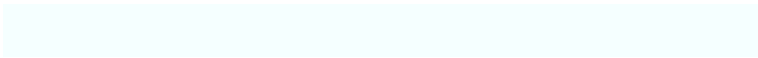
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.9417, 0.3127, 0.3180



98.9417, 0.3202, 0.3425



98.9417, 0.2997, 0.3171

Square

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



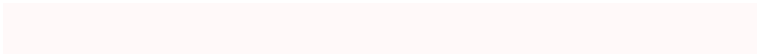
98.9417, 0.3202, 0.3425



98.9417, 0.2997, 0.3281



98.9417, 0.3052, 0.3158



98.9417, 0.3259, 0.3297

Rectangle

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



98.9417, 0.3202, 0.3425



98.9417, 0.3075, 0.3371



98.9417, 0.3052, 0.3158



98.9417, 0.3179, 0.3212

Sweetspot

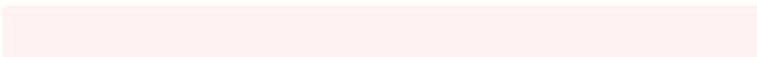
The Sweet Spot groups the original color and five complimentary colors.



98.9348, 0.3202, 0.3425



99.6043, 0.3154, 0.3339



91.0751, 0.3219, 0.3299



21.3236, 0.3153, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

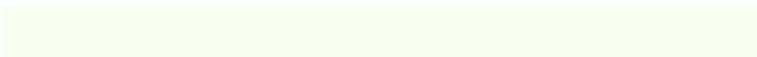
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98.9348, 0.3202, 0.3425



98.6534, 0.3223, 0.3463



97.6570, 0.3159, 0.3427



21.0921, 0.3231, 0.3478



46.7287, 0.4064, 0.5155



4.5694, 0.4080, 0.5143

Inverse Universe

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



89.0138, 0.3050, 0.3152



86.1341, 0.3028, 0.3112



90.2576, 0.3094, 0.3154



18.1934, 0.3019, 0.3096



3.8672, 0.1522, 0.0612



0.3978, 0.1573, 0.0640

Previews

White Background



This preview shows how the Yxy color 98.9417, 0.3202, 0.3425 looks on a white background.

Color Contrast Check

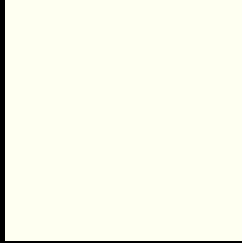
Large Text (above 18pt) WCAG AA × Fail

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 98.9417, 0.3202, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

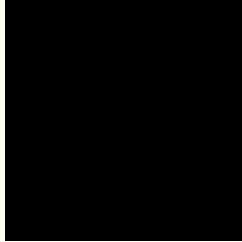
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.9417, 0.3202, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 98.9417, 0.3202, 0.3425.



This preview shows how white text looks on a background with the Yxy color 98.9417, 0.3202, 0.3425.

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

98.9417, 0.3202, 0.3425

Protanopia

99.1719, 0.3145, 0.3309

Deuteranopia

98.6024, 0.3140, 0.3290

Tritanopia

99.1745, 0.3121, 0.3280

Trichromacy



Original Color

98.9417, 0.3202, 0.3425

Protanomaly

98.9209, 0.3168, 0.3347

Deuteranomaly

98.9832, 0.3162, 0.3338

Tritanomaly

98.8566, 0.3150, 0.3328

Monochromacy



Original Color

98.9417, 0.3202, 0.3425

Achromatopsia

98.2251, 0.3127, 0.3290

Achromatomaly

98.6058, 0.3150, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.9417, 0.3202, 0.3425 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 241) }
```

Border

The CSS property to change the border of an element to Yxy 98.9417, 0.3202, 0.3425 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, 241) }
```

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

```
.border{ border-color:rgb(254, 255, 241) }
```

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, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 98.9417, 0.3202, 0.3425 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, 241) }
```

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

```
.background{ background-color: rgb(254,  
255, 241) }
```

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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