

Converting Colors

$Y_{xy}(100.0000, 0.3227, 0.3518)$

Have a look what the booklet for
Yxy(100.0000, 0.3227, 0.3518)
contains.

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Color

Yxy(98.1560, 0.3231, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFEA
RGB	252, 255, 234
RGB Percent	99%, 100%, 92%
CMY	0.0116, 0.0000, 0.0823
CMYK	0.01, 0.00, 0.08, 0.00
HSL	68°, 100%, 96%
HSV	68°, 8%, 100%
XYZ	90.7676, 98.1560, 92.0037
YIQ	251.7090, 4.9530, -7.1670

Conversions

Conversions Part 2

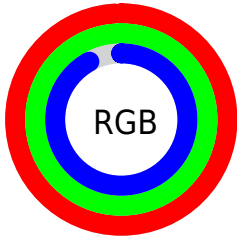
Format	Color
R _Y B	234, 255, 237
Decimal	16580586
CIE Lab	99.28, -4.53, 9.68
CIE LCh	99, 10.689, 115.057
Yxy	98.1560, 0.3231, 0.3494
Android (android.graphics.Color)	4294770666 (0xFFFCFFEA)
YUV	251.7090, -8.7305, 0.2552
Hunter-Lab	99.0737, -9.8440, 14.2926

Details

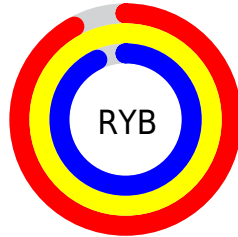
The Yxy color 98.1560, 0.3231, 0.3494 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.0623, 0.3018, 0.3080, and the grayscale version is 97.1687, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.2046, 0.3251, 0.3538 is the 20% darker color. If you saturate the color by 10%, you get 96.1356, 0.3359, 0.3752, and if you desaturate by 10%, it is 99.9960, 0.3127, 0.3290.

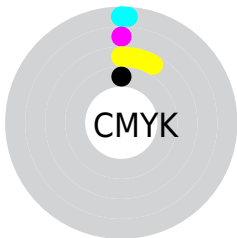
Distribution



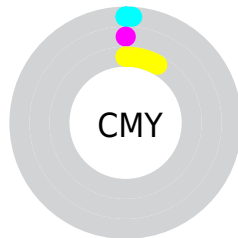
- Red (99%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 98.1560, 0.3231, 0.3494 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 98.1560, 0.3231, 0.3494 by changing the saturation by 10% instead.


 98.1560, 0.3231,
0.3494

 98.1560, 0.3231,
0.3494


554.2200, 0.3186,
0.3404

 74.7645, 0.3241,
0.3514

158.6176, 0.3216,
0.3463

 55.4200, 0.3252,
0.3538


196.4565, 0.3210,
0.3451

 39.7381, 0.3267,
0.3567


239.8800, 0.3205,
0.3441

 27.3344, 0.3285,
0.3605

289.2725, 0.3200,
0.3432

 17.8245, 0.3308,
0.3654

345.0183, 0.3196,
0.3424

 10.8241, 0.3340,
0.3722

407.5019, 0.3192,

 5.9487, 0.3384,

0.3416

0.3820

477.1077, 0.3189,
0.3410

■ 2.8139, 0.3451,
0.3976

■ 1.0354, 0.3697,
0.4418

■ 98.1560, 0.3231,
0.3494

■ 98.1560, 0.3231,
0.3494

■ 96.1356, 0.3359,
0.3752

99.9960, 0.3127,
0.3290

■ 94.3255, 0.3487,
0.4015

■ 92.7202, 0.3609,
0.4275

■ 91.3092, 0.3719,
0.4523

■ 90.0812, 0.3813,
0.4746

■ 89.0234, 0.3884,
0.4936

■ 88.1213, 0.3930,
0.5084

■ 87.3579, 0.3949,
0.5185

■ 86.7095, 0.3945,
0.5243

Harmonies

Analogous

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



98.1560, 0.3320, 0.3474



98.1560, 0.3231, 0.3494



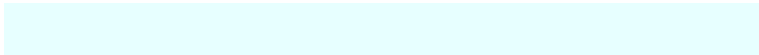
98.1560, 0.3115, 0.3457

Triad

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



98.1560, 0.3231, 0.3494



98.1560, 0.2903, 0.3170



98.1560, 0.3250, 0.3208

Complementary

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



98.1560, 0.3231, 0.3494



84.0623, 0.3018, 0.3080

Split Complementary

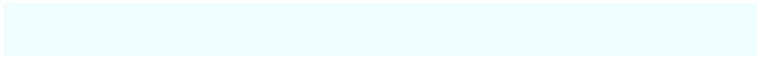
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.1560, 0.3136, 0.3131



98.1560, 0.3231, 0.3494



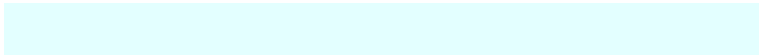
98.1560, 0.2937, 0.3107

Square

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



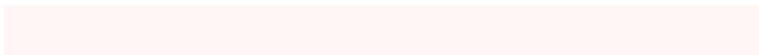
98.1560, 0.3231, 0.3494



98.1560, 0.2927, 0.3267



98.1560, 0.3021, 0.3094



98.1560, 0.3331, 0.3308

Rectangle

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



98.1560, 0.3231, 0.3494



98.1560, 0.3039, 0.3405



98.1560, 0.3021, 0.3094



98.1560, 0.3214, 0.3179

Sweetspot

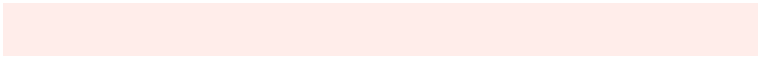
The Sweet Spot groups the original color and five complimentary colors.



98.1603, 0.3231, 0.3494



99.5402, 0.3152, 0.3339



87.6524, 0.3267, 0.3318



21.3105, 0.3151, 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.



98.1603, 0.3231, 0.3494



97.7918, 0.3254, 0.3539



96.2806, 0.3165, 0.3498



20.9538, 0.3247, 0.3526



45.3032, 0.3947, 0.5248



4.4450, 0.3977, 0.5224

Inverse Universe

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



84.0623, 0.3018, 0.3080



80.8734, 0.2993, 0.3032



85.8943, 0.3086, 0.3084



17.5001, 0.3000, 0.3046



4.0039, 0.1554, 0.0630



0.4251, 0.1637, 0.0675

Previews

White Background



This preview shows how the Yxy color 98.1560, 0.3231, 0.3494 looks on a white background.

Color Contrast Check

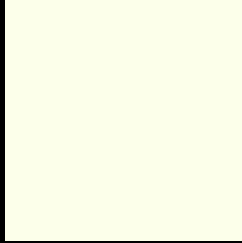
Large Text (above 18pt) WCAG AA × Fail

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 98.1560, 0.3231, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

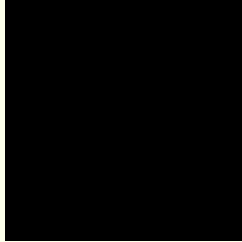
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 98.1560, 0.3231, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 98.1560, 0.3231, 0.3494.



This preview shows how white text looks on a background with the Yxy color 98.1560, 0.3231, 0.3494.

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

98.1560, 0.3231, 0.3494



Protanopia

98.3501, 0.3163, 0.3328

Deuteranopia

97.9091, 0.3146, 0.3290

Tritanopia

98.3532, 0.3116, 0.3271

Trichromacy



Original Color

98.1560, 0.3231, 0.3494

Protanomaly

98.4861, 0.3185, 0.3386

Deuteranomaly

97.9140, 0.3180, 0.3367

Tritanomaly

98.4817, 0.3161, 0.3357

Monochromacy



Original Color

98.1560, 0.3231, 0.3494



Achromatopsia

97.3445, 0.3127, 0.3290



Achromatomaly

97.5386, 0.3167, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 98.1560, 0.3231, 0.3494 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 234) }
```

Border

The CSS property to change the border of an element to Yxy 98.1560, 0.3231, 0.3494 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, 234) }
```

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

```
.border{ border-color:rgb(252, 255, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 98.1560, 0.3231, 0.3494 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, 234) }
```

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

```
.background{ background-color: rgb(252,  
255, 234) }
```

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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