

Converting Colors

$Yxy(93.6065, 0.3227, 0.3463)$

Have a look what the booklet for
Yxy(93.6065, 0.3227, 0.3463)
contains.

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Color

Yxy(93.5340, 0.3222, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	F8F9E8
RGB	248, 249, 232
RGB Percent	97%, 98%, 91%
CMY	0.0275, 0.0235, 0.0902
CMYK	0.00, 0.00, 0.07, 0.02
HSL	64°, 59%, 94%
HSV	64°, 7%, 98%
XYZ	87.1505, 93.5340, 89.8013
YIQ	246.7630, 4.8610, -5.4990

Conversions

Conversions Part 2

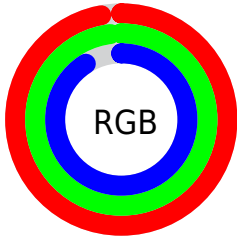
Format	Color
R _Y B	232, 249, 233
Decimal	16316904
CIE Lab	97.44, -3.23, 8.03
CIE LCh	97, 8.660, 111.909
Yxy	93.5340, 0.3222, 0.3458
Android (android.graphics.Color)	4294506984 (0xFF8F9E8)
YUV	246.7630, -7.2782, 1.0848
Hunter-Lab	96.7130, -8.3968, 12.6463

Details

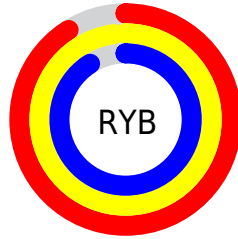
The Yxy color 93.5340, 0.3222, 0.3458 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 81.8773, 0.3029, 0.3117, and the grayscale version is 92.8685, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.4810, 0.3248, 0.3504 is the 20% darker color. If you saturate the color by 10%, you get 91.9518, 0.3364, 0.3712, and if you desaturate by 10%, it is 95.2041, 0.3095, 0.3232.

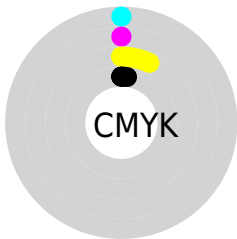
Distribution



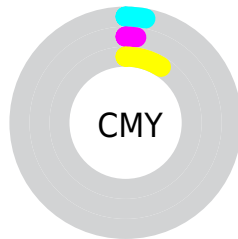
- Red (97%)
- Green (98%)
- Blue (91%)



- Red (91%)
- Yellow (98%)
- Blue (91%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.5340, 0.3222, 0.3458 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 93.5340, 0.3222, 0.3458 by changing the saturation by 10% instead.


 93.5340, 0.3222,
0.3458

 93.5340, 0.3222,
0.3458


539.4610, 0.3180,
0.3383

 70.9154, 0.3231,
0.3474


152.2377, 0.3208,
0.3433

 52.2732, 0.3242,
0.3494


189.0916, 0.3202,
0.3423

 37.2229, 0.3256,
0.3519


231.4595, 0.3197,
0.3414

 25.3801, 0.3273,
0.3551

279.7256, 0.3193,
0.3406

 16.3605, 0.3295,
0.3593

334.2744, 0.3189,
0.3400

 9.7796, 0.3326,
0.3651

395.4903, 0.3186,

 5.2531, 0.3370,

0.3393

0.3736

463.7577, 0.3183,
0.3388

■ 2.3965, 0.3439,
0.3873

■ 0.8241, 0.3779,
0.4421

■ 93.5340, 0.3222,
0.3458

■ 93.5340, 0.3222,
0.3458

■ 91.9518, 0.3364,
0.3712

■ 95.2041, 0.3095,
0.3232

■ 90.5599, 0.3506,
0.3969

■ 95.4782, 0.3104,
0.3232

■ 89.3531, 0.3644,
0.4221

■ 95.7546, 0.3114,
0.3233

■ 88.3220, 0.3771,
0.4458

■ 96.0331, 0.3123,
0.3233

87.4558, 0.3882,
0.4671

96.2364, 0.3130,
0.3233

86.7429, 0.3972,
0.4849

86.1699, 0.4036,
0.4985

85.7211, 0.4074,
0.5077

85.3769, 0.4087,
0.5126

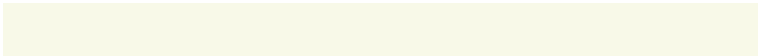
Harmonies

Analogous

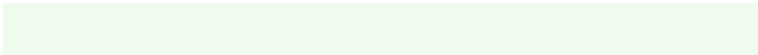
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5340, 0.3291, 0.3437



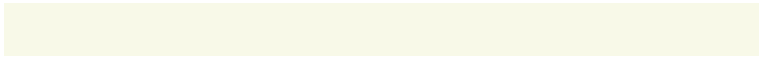
93.5340, 0.3222, 0.3458



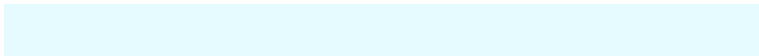
93.5340, 0.3128, 0.3433

Triad

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



93.5340, 0.3222, 0.3458



93.5340, 0.2942, 0.3199



93.5340, 0.3219, 0.3215

Complementary

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



93.5340, 0.3222, 0.3458



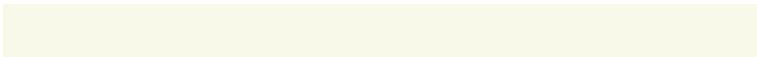
81.8773, 0.3029, 0.3117

Split Complementary

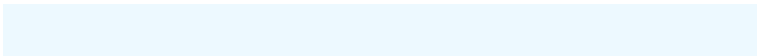
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.5340, 0.3124, 0.3153



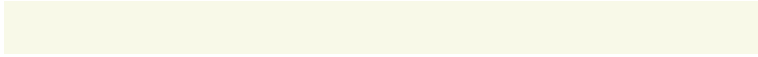
93.5340, 0.3222, 0.3458



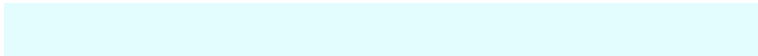
93.5340, 0.2965, 0.3143

Square

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



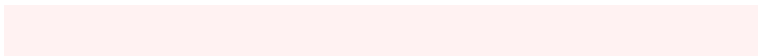
93.5340, 0.3222, 0.3458



93.5340, 0.2967, 0.3281



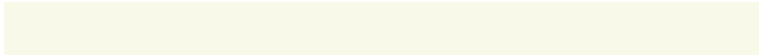
93.5340, 0.3031, 0.3127



93.5340, 0.3290, 0.3296

Rectangle

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



93.5340, 0.3222, 0.3458



93.5340, 0.3064, 0.3392



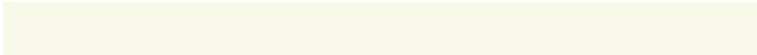
93.5340, 0.3031, 0.3127



93.5340, 0.3189, 0.3191

Sweetspot

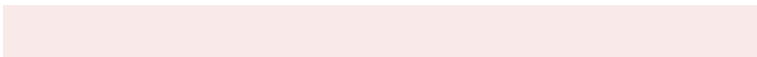
The Sweet Spot groups the original color and five complimentary colors.



93.5381, 0.3222, 0.3458



99.6183, 0.3155, 0.3339



84.1591, 0.3243, 0.3299



21.3264, 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.



93.5381, 0.3222, 0.3458



98.5254, 0.3239, 0.3488



92.0469, 0.3168, 0.3461



20.1350, 0.3260, 0.3525



45.6682, 0.4090, 0.5135



4.2452, 0.4103, 0.5124

Inverse Universe

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



81.8773, 0.3029, 0.3117



84.2090, 0.3011, 0.3086



83.3149, 0.3084, 0.3120



16.6923, 0.2988, 0.3045



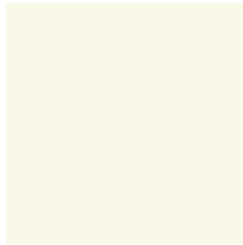
3.7339, 0.1518, 0.0610



0.3626, 0.1561, 0.0634

Previews

White Background



This preview shows how the Yxy color 93.5340, 0.3222, 0.3458 looks on a white background.

Color Contrast Check

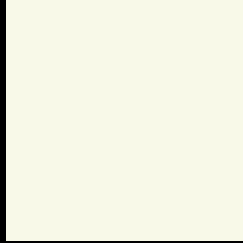
Large Text (above 18pt) WCAG AA × Fail

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 93.5340, 0.3222, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

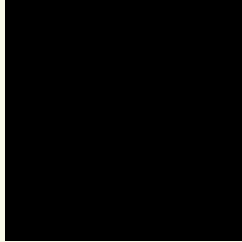
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

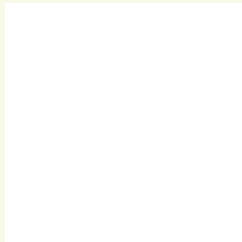
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.5340, 0.3222, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 93.5340, 0.3222, 0.3458.

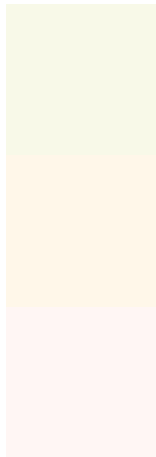


This preview shows how white text looks on a background with the Yxy color 93.5340, 0.3222, 0.3458.

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

93.5340, 0.3222, 0.3458

Protanopia

93.6647, 0.3264, 0.3427

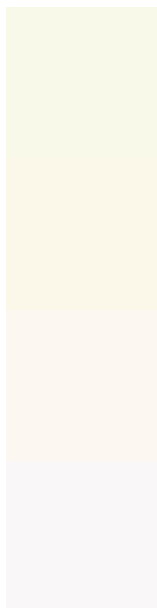
Deuteranopia

93.7032, 0.3197, 0.3310

Tritanopia

93.4555, 0.3099, 0.3203

Trichromacy



Original Color

93.5340, 0.3222, 0.3458

Protanomaly

93.7134, 0.3243, 0.3437

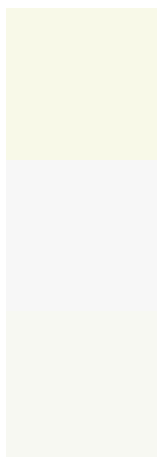
Deuteranomaly

93.5082, 0.3201, 0.3358

Tritanomaly

93.3767, 0.3140, 0.3290

Monochromacy



Original Color

93.5340, 0.3222, 0.3458

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.3198, 0.3156, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5340, 0.3222, 0.3458 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(248, 249, 232)` looks like.

```
.text, #text, p{  
    color:rgb(248, 249, 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(248, 249, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 249, 232) }
```

Border

The CSS property to change the border of an element to Yxy 93.5340, 0.3222, 0.3458 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(248, 249, 232) }
```

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

```
.border{ border-color:rgb(248, 249, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(248, 249, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 249, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 249, 232);  
box-shadow:4px 4px 4px 4px rgb(248, 249,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5340, 0.3222, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 249, 232) }
```

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

```
.background{ background-color: rgb(248,  
249, 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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