

Converting Colors

$Yxy(93.3419, 0.3315, 0.3641)$

Have a look what the booklet for
Yxy(93.3419, 0.3315, 0.3641)
contains.

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Color

Yxy(93.0517, 0.3318, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	F7FAD7
RGB	247, 250, 215
RGB Percent	97%, 98%, 84%
CMY	0.0312, 0.0196, 0.1569
CMYK	0.01, 0.00, 0.14, 0.02
HSL	65°, 78%, 91%
HSV	65°, 14%, 98%
XYZ	84.8202, 93.0517, 77.7646
YIQ	245.1130, 9.4470, -11.5210

Conversions

Conversions Part 2

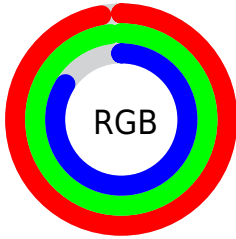
Format	Color
R_{YB}	215, 250, 218
Decimal	16251607
CIE _{Lab}	97.25, -6.76, 16.48
CIE _{LCh}	97, 17.814, 112.294
Yxy	93.0517, 0.3318, 0.3640
Android (android.graphics.Color)	4294441687 (0xFFFF7FAD7)
YUV	245.1130, -14.8457, 1.6549
Hunter-Lab	96.4633, -11.8557, 19.7272

Details

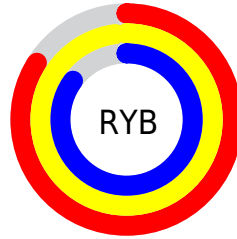
The Yxy color **93.0517, 0.3318, 0.3640** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.3848, 0.2921, 0.2919**, and the grayscale version is **91.5294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.1980, 0.3362, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **91.4877, 0.3456, 0.3898**, and if you desaturate by 10%, it is **94.8245, 0.3181, 0.3388**.

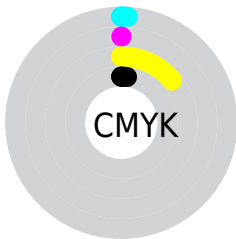
Distribution



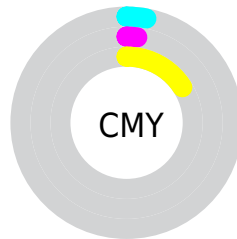
- Red (97%)
- Green (98%)
- Blue (84%)



- Red (84%)
- Yellow (98%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)





- Cyan (3%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0517, 0.3318, 0.3640 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 93.0517, 0.3318, 0.3640 by changing the saturation by 10% instead.


 93.0517, 0.3318,
0.3640

 93.0517, 0.3318,
0.3640


537.9087, 0.3235,
0.3483

 70.5145, 0.3336,
0.3675


151.5702, 0.3290,
0.3587

 51.9461, 0.3358,
0.3717


188.3202, 0.3279,
0.3565

 36.9621, 0.3384,
0.3769


230.5767, 0.3269,
0.3547

 25.1781, 0.3417,
0.3837

278.7239, 0.3261,
0.3531

 16.2098, 0.3460,
0.3925

333.1464, 0.3253,
0.3517

 9.6728, 0.3518,
0.4048

394.2284, 0.3246,

 5.1825, 0.3597,

0.3505

0.4228

462.3544, 0.3240,
0.3493

■ 2.3548, 0.3711,
0.4513

■ 0.8025, 0.4269,
0.5731

■ 93.0517, 0.3318,
0.3640

■ 93.0517, 0.3318,
0.3640

■ 91.4877, 0.3456,
0.3898

■ 94.8245, 0.3181,
0.3388

■ 90.1114, 0.3591,
0.4155

■ 96.1429, 0.3106,
0.3242

■ 88.9172, 0.3718,
0.4401

■ 96.5355, 0.3119,
0.3242

■ 87.8948, 0.3829,
0.4626

■ 96.8469, 0.3129,
0.3242

■ 87.0327, 0.3921,
0.4820

■ 86.3178, 0.3988,
0.4974

■ 85.7353, 0.4029,
0.5083

■ 85.2666, 0.4044,
0.5148

■ 85.0244, 0.4044,
0.5171

Harmonies

Analogous

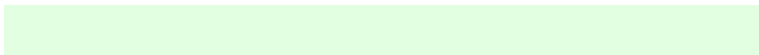
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0517, 0.3465, 0.3592



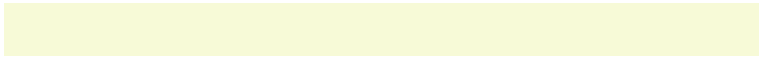
93.0517, 0.3318, 0.3640



93.0517, 0.3123, 0.3588

Triad

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



93.0517, 0.3318, 0.3640



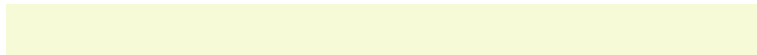
93.0517, 0.2750, 0.3096



93.0517, 0.3318, 0.3138

Complementary

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



93.0517, 0.3318, 0.3640



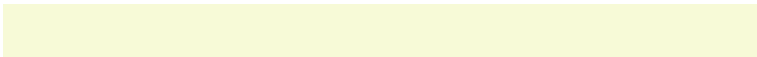
70.3848, 0.2921, 0.2919

Split Complementary

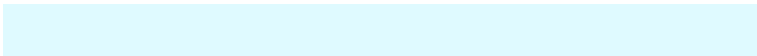
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.0517, 0.3121, 0.3015



93.0517, 0.3318, 0.3640



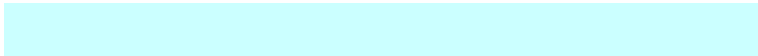
93.0517, 0.2797, 0.2987

Square

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



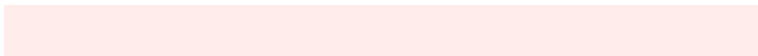
93.0517, 0.3318, 0.3640



93.0517, 0.2799, 0.3265



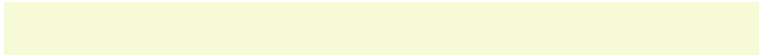
93.0517, 0.2931, 0.2959



93.0517, 0.3466, 0.3301

Rectangle

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



93.0517, 0.3318, 0.3640



93.0517, 0.2993, 0.3502



93.0517, 0.2931, 0.2959



93.0517, 0.3255, 0.3091

Sweetspot

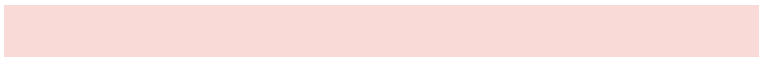
The Sweet Spot groups the original color and five complimentary colors.



93.0558, 0.3318, 0.3640



99.1982, 0.3181, 0.3388



75.3171, 0.3383, 0.3321



21.2011, 0.3191, 0.3407



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.



93.0558, 0.3318, 0.3640



96.8318, 0.3360, 0.3717



90.0237, 0.3203, 0.3653



20.1123, 0.3256, 0.3525



45.1336, 0.4047, 0.5169



4.2014, 0.4065, 0.5154

Inverse Universe

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



70.3848, 0.2921, 0.2919



68.6233, 0.2872, 0.2831



73.2228, 0.3041, 0.2932



16.7127, 0.2992, 0.3045



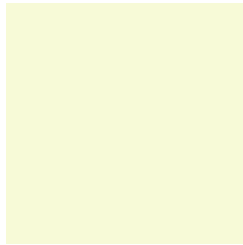
3.7699, 0.1527, 0.0615



0.3723, 0.1586, 0.0647

Previews

White Background



This preview shows how the Yxy color 93.0517, 0.3318, 0.3640 looks on a white background.

Color Contrast Check

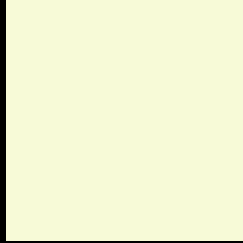
Large Text (above 18pt) WCAG AA × Fail

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 93.0517, 0.3318, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

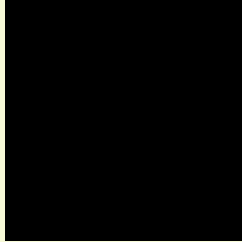
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

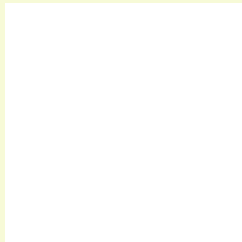
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0517, 0.3318, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 93.0517, 0.3318, 0.3640.

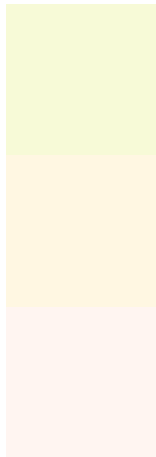


This preview shows how white text looks on a background with the Yxy color 93.0517, 0.3318, 0.3640.

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

93.0517, 0.3318, 0.3640

Protanopia

93.2725, 0.3307, 0.3496

Deuteranopia

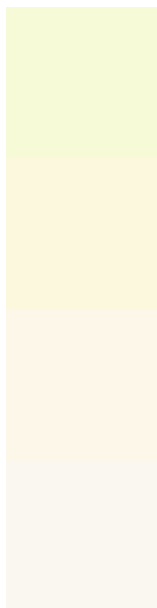
92.9157, 0.3216, 0.3329



Tritanopia

92.8488, 0.3100, 0.3193

Trichromacy



Original Color

93.0517, 0.3318, 0.3640

Protanomaly

93.1042, 0.3310, 0.3547

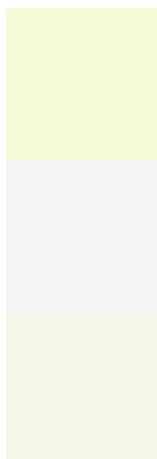
Deuteranomaly

93.0432, 0.3250, 0.3437

Tritanomaly

92.9525, 0.3182, 0.3359

Monochromacy



Original Color

93.0517, 0.3318, 0.3640

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.0549, 0.3199, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0517, 0.3318, 0.3640 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(247, 250, 215)` looks like.

```
.text, #text, p{  
    color:rgb(247, 250, 215)  
}
```

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(247, 250, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 250, 215) }
```

Border

The CSS property to change the border of an element to Yxy 93.0517, 0.3318, 0.3640 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(247, 250, 215) }
```

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

```
.border{ border-color:rgb(247, 250, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 250, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 250, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 250, 215); box-shadow:4px 4px 4px 4px rgb(247, 250, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0517, 0.3318, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 250, 215) }
```

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

```
.background{ background-color: rgb(247,  
250, 215) }
```

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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