

Converting Colors

$Yxy(90.8180, 0.3316, 0.3664)$

Have a look what the booklet for
Yxy(90.8180, 0.3316, 0.3664)
contains.

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Color

Yxy(90.8926, 0.3318, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	F3F8D3
RGB	243, 248, 211
RGB Percent	95%, 97%, 83%
CMY	0.0470, 0.0274, 0.1726
CMYK	0.02, 0.00, 0.15, 0.03
HSL	68°, 73%, 90%
HSV	68°, 15%, 97%
XYZ	82.2869, 90.8926, 74.8221
YIQ	242.2870, 8.8970, -12.5670

Conversions

Conversions Part 2

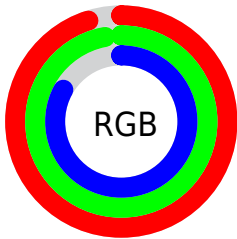
Format	Color
RYB	211, 248, 216
Decimal	15988947
CIELab	96.37, -7.79, 17.24
CIELCh	96, 18.924, 114.321
Yxy	90.8926, 0.3318, 0.3665
Android (android.graphics.Color)	4294179027 (0xFFFF3F8D3)
YUV	242.2870, -15.4245, 0.6253
Hunter-Lab	95.3376, -12.7755, 20.2048

Details

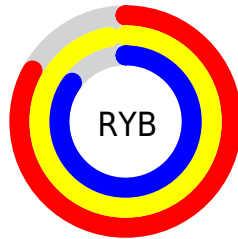
The Yxy color **90.8926, 0.3318, 0.3665** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.9535, 0.2919, 0.2894**, and the grayscale version is **89.1536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6644, 0.3363, 0.3757** is the 20% darker color. If you saturate the color by 10%, you get **89.1568, 0.3447, 0.3926**, and if you desaturate by 10%, it is **92.8391, 0.3189, 0.3411**.

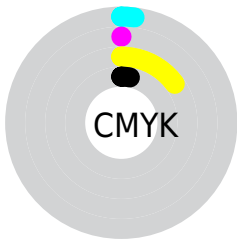
Distribution



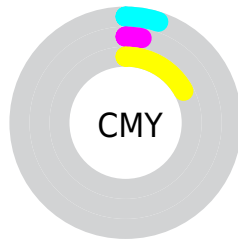
- Red (95%)
- Green (97%)
- Blue (83%)



- Red (83%)
- Yellow (97%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)





- Cyan (5%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.8926, 0.3318, 0.3665 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 90.8926, 0.3318, 0.3665 by changing the saturation by 10% instead.


 90.8926, 0.3318,
0.3665

 90.8926, 0.3318,
0.3665


530.9302, 0.3235,
0.3496

 68.7212, 0.3336,
0.3703


148.5776, 0.3290,
0.3607

 50.4847, 0.3358,
0.3748


184.8601, 0.3279,
0.3584

 35.7987, 0.3384,
0.3806


226.6150, 0.3269,
0.3565

 24.2787, 0.3417,
0.3879


274.2267, 0.3260,
0.3548

 15.5405, 0.3460,
0.3977

328.0797, 0.3253,
0.3532

 9.1996, 0.3517,
0.4112

388.5584, 0.3246,

 4.8716, 0.3595,

0.3519

0.4312

456.0470, 0.3240,
0.3507

■ 2.1721, 0.3715,
0.4645

■ 0.7047, 0.4049,
0.5951

■ 90.8926, 0.3318,
0.3665

■ 90.8926, 0.3318,
0.3665

■ 89.1568, 0.3447,
0.3926

■ 92.8391, 0.3189,
0.3411

■ 87.6110, 0.3572,
0.4188

■ 94.6278, 0.3097,
0.3223

■ 86.2496, 0.3688,
0.4440

■ 95.2510, 0.3118,
0.3223

■ 85.0623, 0.3789,
0.4671

■ 95.6184, 0.3130,
0.3223

■ 84.0376, 0.3869,
0.4872

■ 83.1627, 0.3925,
0.5033

■ 82.4224, 0.3954,
0.5149

■ 81.7985, 0.3958,
0.5220

■ 81.5128, 0.3953,
0.5243

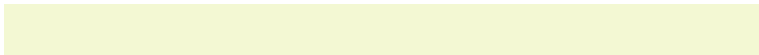
Harmonies

Analogous

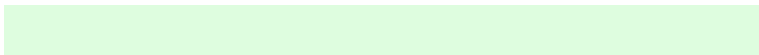
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8926, 0.3480, 0.3620



90.8926, 0.3318, 0.3665



90.8926, 0.3108, 0.3602

Triad

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



90.8926, 0.3318, 0.3665



90.8926, 0.2724, 0.3071



90.8926, 0.3345, 0.3138

Complementary

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



90.8926, 0.3318, 0.3665



67.9535, 0.2919, 0.2894

Split Complementary

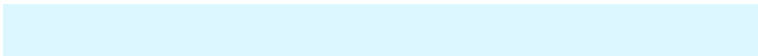
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.8926, 0.3135, 0.3003



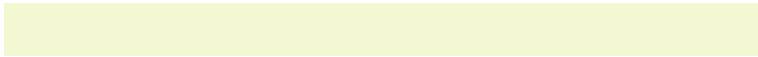
90.8926, 0.3318, 0.3665



90.8926, 0.2781, 0.2961

Square

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



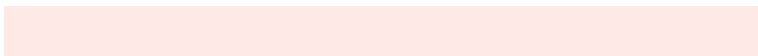
90.8926, 0.3318, 0.3665



90.8926, 0.2770, 0.3249



90.8926, 0.2930, 0.2938



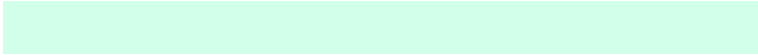
90.8926, 0.3498, 0.3313

Rectangle

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



90.8926, 0.3318, 0.3665



90.8926, 0.2970, 0.3506



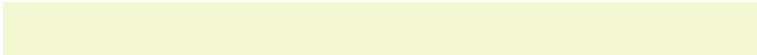
90.8926, 0.2930, 0.2938



90.8926, 0.3278, 0.3087

Sweetspot

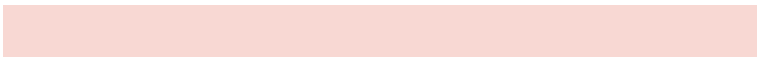
The Sweet Spot groups the original color and five complimentary colors.



90.8966, 0.3318, 0.3665



99.1001, 0.3178, 0.3388



73.7299, 0.3400, 0.3342



21.1761, 0.3187, 0.3407



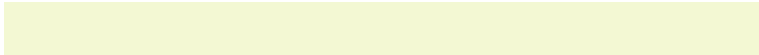
0.0000, 0.0000, 0.0000



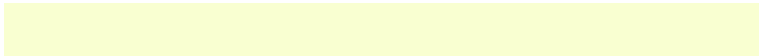
21.4041, 0.3127, 0.3290

Same Dimension

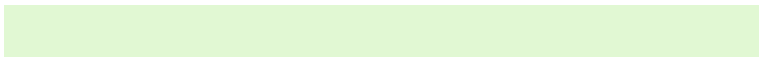
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.8966, 0.3318, 0.3665



96.2319, 0.3358, 0.3746



87.7772, 0.3196, 0.3680



20.0650, 0.3248, 0.3526



44.0762, 0.3957, 0.5240



4.1140, 0.3987, 0.5216

Inverse Universe

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



67.9535, 0.2919, 0.2894



67.3622, 0.2871, 0.2803



70.9228, 0.3048, 0.2909



16.7553, 0.3000, 0.3046



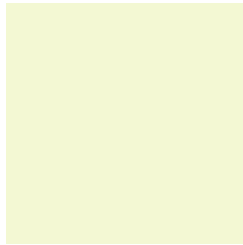
3.8739, 0.1551, 0.0628



0.3924, 0.1636, 0.0675

Previews

White Background



This preview shows how the Yxy color 90.8926, 0.3318, 0.3665 looks on a white background.

Color Contrast Check

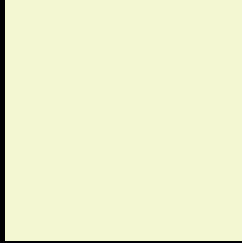
Large Text (above 18pt) WCAG AA × Fail

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 90.8926, 0.3318, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

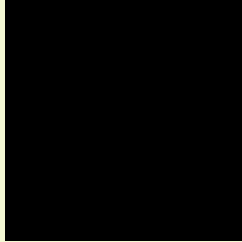
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

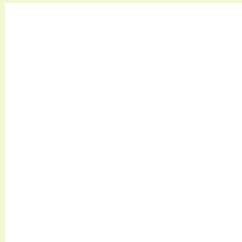
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.8926, 0.3318, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 90.8926, 0.3318, 0.3665.

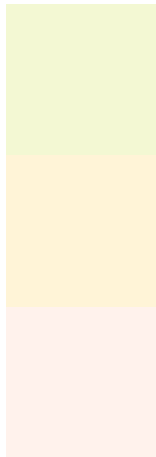


This preview shows how white text looks on a background with the Yxy color 90.8926, 0.3318, 0.3665.

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

90.8926, 0.3318, 0.3665

Protanopia

90.8677, 0.3380, 0.3577

Deuteranopia

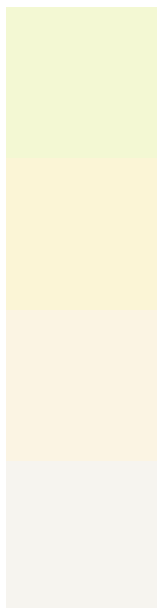
90.8204, 0.3250, 0.3349



Tritanopia

90.6807, 0.3088, 0.3164

Trichromacy



Original Color

90.8926, 0.3318, 0.3665

Protanomaly

90.6691, 0.3357, 0.3599

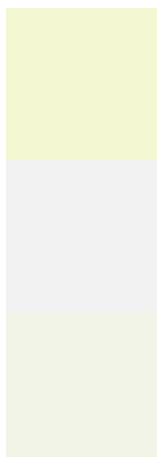
Deuteranomaly

90.7566, 0.3277, 0.3459

Tritanomaly

90.5262, 0.3170, 0.3340

Monochromacy



Original Color

90.8926, 0.3318, 0.3665

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.3481, 0.3193, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.8926, 0.3318, 0.3665 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(243, 248, 211)` looks like.

```
.text, #text, p{  
    color:rgb(243, 248, 211)  
}
```

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(243, 248, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 248, 211) }
```

Border

The CSS property to change the border of an element to Yxy 90.8926, 0.3318, 0.3665 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(243, 248, 211) }
```

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

```
.border{ border-color:rgb(243, 248, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 248, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 248, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 248, 211);  
box-shadow:4px 4px 4px 4px rgb(243, 248,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 90.8926, 0.3318, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 248, 211) }
```

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

```
.background{ background-color: rgb(243,  
248, 211) }
```

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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