

Converting Colors

$Yxy(89.1013, 0.3256, 0.3663)$

Have a look what the booklet for
Yxy(89.1013, 0.3256, 0.3663)
contains.

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Color

Yxy(89.3304, 0.3258, 0.3672)

Conversions

Conversions Part 1

Format	Color
Hex	EAF8D3
RGB	234, 248, 211
RGB Percent	92%, 97%, 83%
CMY	0.0823, 0.0274, 0.1726
CMYK	0.06, 0.00, 0.15, 0.03
HSL	83°, 73%, 90%
HSV	83°, 15%, 97%
XYZ	79.2588, 89.3304, 74.6853
YIQ	239.5960, 3.5330, -14.4750

Conversions

Conversions Part 2

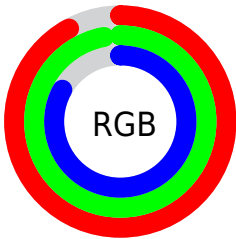
Format	Color
R _Y B	211, 248, 225
Decimal	15399123
CIE Lab	95.72, -10.92, 16.24
CIE LCh	96, 19.567, 123.929
Yxy	89.3304, 0.3258, 0.3672
Android (android.graphics.Color)	4293589203 (0xFFEAF8D3)
YUV	239.5960, -14.0978, -4.9077
Hunter-Lab	94.5148, -15.7131, 19.3096

Details

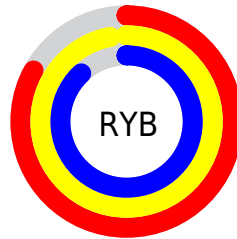
The Yxy color $89.3304, 0.3258, 0.3672$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $69.3654, 0.2981, 0.2901$, and the grayscale version is $86.9187, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $49.5646, 0.3286, 0.3769$ is the 20% darker color. If you saturate the color by 10%, you get $86.6399, 0.3344, 0.3948$, and if you desaturate by 10%, it is $92.3045, 0.3170, 0.3411$.

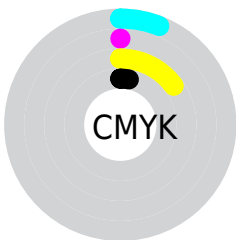
Distribution



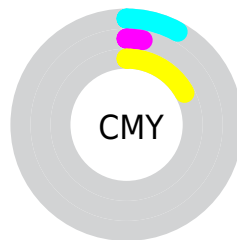
- Red (92%)
- Green (97%)
- Blue (83%)



- Red (83%)
- Yellow (97%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)



- Cyan (8%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.3304, 0.3258, 0.3672 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 89.3304, 0.3258, 0.3672 by changing the saturation by 10% instead.

 89.3304, 0.3258,
0.3672

 89.3304, 0.3258,
0.3672


525.8503, 0.3201,
0.3498

 67.4254, 0.3270,
0.3711

146.4079, 0.3239,
0.3612

 49.4304, 0.3284,
0.3759


182.3493, 0.3232,
0.3589

 34.9610, 0.3302,
0.3818


223.7382, 0.3225,
0.3569

 23.6329, 0.3324,
0.3896

270.9591, 0.3219,
0.3551

 15.0615, 0.3352,
0.3999

324.3964, 0.3214,
0.3536

 8.8626, 0.3387,
0.4144

384.4344, 0.3209,

 4.6516, 0.3435,

0.3522

0.4361

451.4575, 0.3205,
0.3509

■ 2.0444, 0.3506,
0.4735

■ 0.6331, 0.3461,
0.6539

■ 89.3304, 0.3258,
0.3672

■ 89.3304, 0.3258,
0.3672

■ 86.6399, 0.3344,
0.3948

■ 92.3045, 0.3170,
0.3411

■ 84.2113, 0.3426,
0.4234

■ 95.1947, 0.3116,
0.3223

■ 82.0377, 0.3497,
0.4520

■ 95.6169, 0.3130,
0.3223

■ 80.1075, 0.3554,
0.4794

■ 78.4079, 0.3591,
0.5045

■ 76.9247, 0.3605,
0.5257

■ 75.6415, 0.3594,
0.5421

■ 74.5383, 0.3559,
0.5533

■ 74.0331, 0.3535,
0.5575

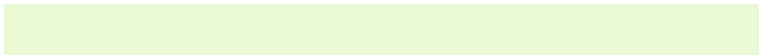
Harmonies

Analogous

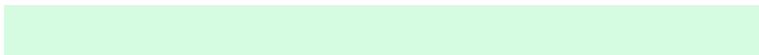
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.3304, 0.3449, 0.3659



89.3304, 0.3258, 0.3672



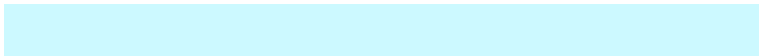
89.3304, 0.3037, 0.3572

Triad

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



89.3304, 0.3258, 0.3672



89.3304, 0.2716, 0.3016



89.3304, 0.3413, 0.3188

Complementary

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



89.3304, 0.3258, 0.3672



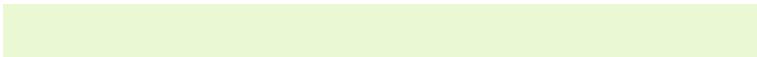
69.3654, 0.2981, 0.2901

Split Complementary

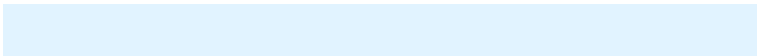
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.3304, 0.3208, 0.3031



89.3304, 0.3258, 0.3672



89.3304, 0.2808, 0.2930

Square

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



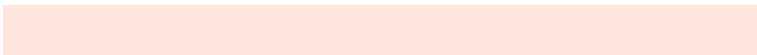
89.3304, 0.3258, 0.3672



89.3304, 0.2729, 0.3182



89.3304, 0.2986, 0.2937



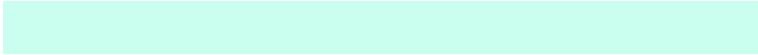
89.3304, 0.3542, 0.3374

Rectangle

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



89.3304, 0.3258, 0.3672



89.3304, 0.2902, 0.3455



89.3304, 0.2986, 0.2937



89.3304, 0.3351, 0.3130

Sweetspot

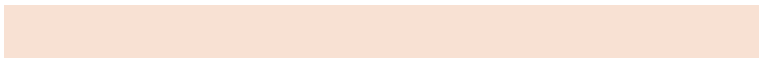
The Sweet Spot groups the original color and five complimentary colors.



89.3343, 0.3258, 0.3672



98.6365, 0.3162, 0.3388



78.2734, 0.3386, 0.3430



21.0586, 0.3169, 0.3407



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

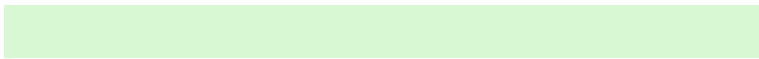
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.3343, 0.3258, 0.3672



94.2453, 0.3285, 0.3756



86.4271, 0.3140, 0.3686



19.8439, 0.3210, 0.3528



40.0744, 0.3545, 0.5567



3.7723, 0.3622, 0.5506

Inverse Universe

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



69.3654, 0.2981, 0.2901



69.1114, 0.2947, 0.2814



72.4280, 0.3109, 0.2916



16.9626, 0.3038, 0.3049



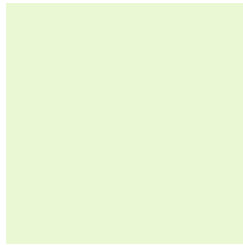
5.0129, 0.1809, 0.0770



0.5228, 0.1940, 0.0842

Previews

White Background



This preview shows how the Yxy color 89.3304, 0.3258, 0.3672 looks on a white background.

Color Contrast Check

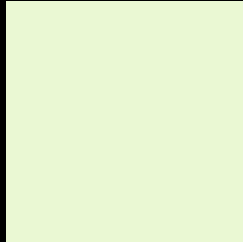
Large Text (above 18pt) WCAG AA × Fail

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 89.3304, 0.3258, 0.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

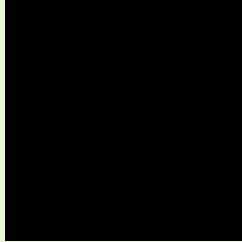
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

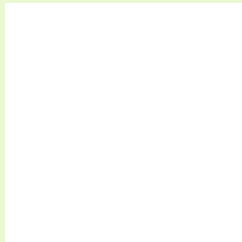
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.3304, 0.3258, 0.3672

Background



This preview shows how black text looks on a background with the Yxy color 89.3304, 0.3258, 0.3672.

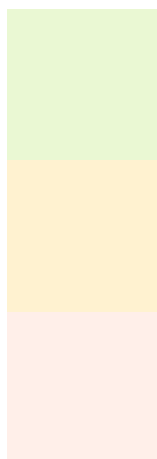


This preview shows how white text looks on a background with the Yxy color 89.3304, 0.3258, 0.3672.

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

89.3304, 0.3258, 0.3672

Protanopia

89.3183, 0.3428, 0.3628

Deuteranopia

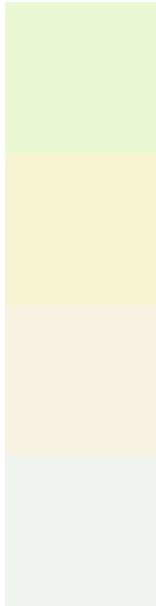
88.8762, 0.3272, 0.3349



Tritanopia

89.0078, 0.3050, 0.3152

Trichromacy



Original Color

89.3304, 0.3258, 0.3672

Protanomaly

89.0790, 0.3363, 0.3644

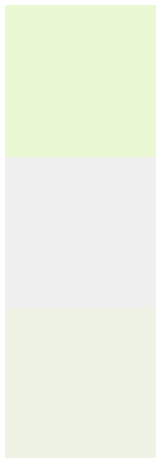
Deuteranomaly

88.7147, 0.3265, 0.3461

Tritanomaly

89.2841, 0.3125, 0.3340

Monochromacy



Original Color

89.3304, 0.3258, 0.3672

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.9355, 0.3179, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.3304, 0.3258, 0.3672 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(234, 248, 211)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 248, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 248, 211) }
```

Border

The CSS property to change the border of an element to Yxy 89.3304, 0.3258, 0.3672 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(234, 248, 211) }
```

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

```
.border{ border-color:rgb(234, 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(234, 248, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 248, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 248, 211);  
box-shadow:4px 4px 4px 4px rgb(234, 248,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 89.3304, 0.3258, 0.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 248, 211) }
```

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

```
.background{ background-color: rgb(234,  
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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