

Converting Colors

$Yxy(88.8051, 0.3219, 0.3594)$

Have a look what the booklet for
Yxy(88.8051, 0.3219, 0.3594)
contains.

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Color

Yxy(89.0237, 0.3223, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	EAF7D9
RGB	234, 247, 217
RGB Percent	92%, 97%, 85%
CMY	0.0822, 0.0314, 0.1491
CMYK	0.05, 0.00, 0.12, 0.03
HSL	86°, 65%, 91%
HSV	86°, 12%, 97%
XYZ	79.7231, 89.0237, 78.6100
YIQ	239.6930, 1.8820, -12.0860

Conversions

Conversions Part 2

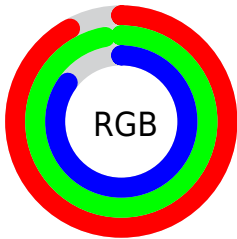
Format	Color
R_{YB}	217, 247, 230
Decimal	15398873
CIE _{Lab}	95.59, -9.45, 12.98
CIE _{LCh}	96, 16.055, 126.069
Yxy	89.0237, 0.3223, 0.3599
Android (android.graphics.Color)	4293588953 (0xFFEAF7D9)
YUV	239.6930, -11.1876, -4.9928
Hunter-Lab	94.3524, -14.2930, 16.6490

Details

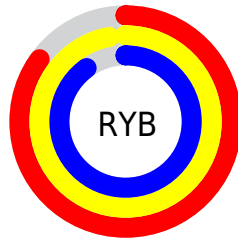
The Yxy color **89.0237, 0.3223, 0.3599** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.1416, 0.3022, 0.2979**, and the grayscale version is **86.9783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3352, 0.3241, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **86.0858, 0.3301, 0.3874**, and if you desaturate by 10%, it is **92.2703, 0.3144, 0.3343**.

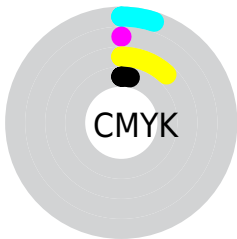
Distribution



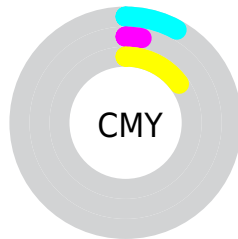
- Red (92%)
- Green (97%)
- Blue (85%)



- Red (85%)
- Yellow (97%)
- Blue (90%)



- Cyan (5%)
- Magenta (0%)
- Yellow (12%)
- Black (3%)





- Cyan (8%)
- Magenta (3%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.0237, 0.3223, 0.3599 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 89.0237, 0.3223, 0.3599 by changing the saturation by 10% instead.


 89.0237, 0.3223,
0.3599

 89.0237, 0.3223,
0.3599


524.8498, 0.3181,
0.3459

 67.1712, 0.3232,
0.3630

145.9815, 0.3209,
0.3551

 49.2238, 0.3243,
0.3669


181.8556, 0.3204,
0.3532

 34.7970, 0.3256,
0.3717


223.1724, 0.3199,
0.3516

 23.5066, 0.3272,
0.3779

270.3162, 0.3194,
0.3501

 14.9680, 0.3293,
0.3863

323.6715, 0.3191,
0.3489

 8.7969, 0.3320,
0.3980

383.6226, 0.3187,

 4.6090, 0.3358,

0.3478

0.4156

450.5539, 0.3184,
0.3468

■ 2.0197, 0.3408,
0.4450

■ 0.6189, 0.3661,
0.6339

■ 89.0237, 0.3223,
0.3599

■ 89.0237, 0.3223,
0.3599

■ 86.0858, 0.3301,
0.3874

■ 92.2703, 0.3144,
0.3343

■ 83.4347, 0.3375,
0.4162

■ 95.0002, 0.3131,
0.3214

■ 81.0630, 0.3440,
0.4456

■ 78.9588, 0.3492,
0.4744

■ 77.1092, 0.3526,
0.5012

■ 75.4998, 0.3538,
0.5247

■ 74.1141, 0.3527,
0.5435

■ 72.9330, 0.3492,
0.5569

■ 72.1276, 0.3452,
0.5641

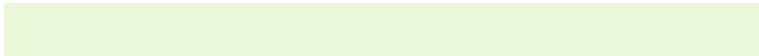
Harmonies

Analogous

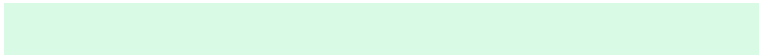
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0237, 0.3383, 0.3597



89.0237, 0.3223, 0.3599



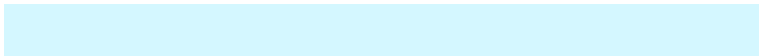
89.0237, 0.3041, 0.3511

Triad

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



89.0237, 0.3223, 0.3599



89.0237, 0.2790, 0.3058



89.0237, 0.3372, 0.3217

Complementary

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



89.0237, 0.3223, 0.3599



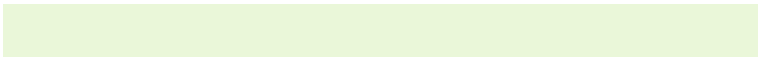
73.1416, 0.3022, 0.2979

Split Complementary

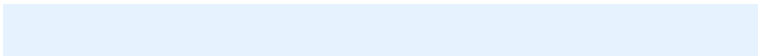
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.0237, 0.3207, 0.3083



89.0237, 0.3223, 0.3599



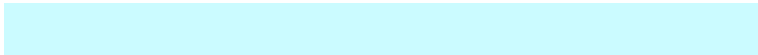
89.0237, 0.2873, 0.2991

Square

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



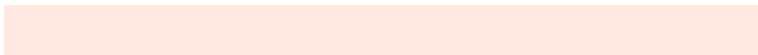
89.0237, 0.3223, 0.3599



89.0237, 0.2795, 0.3192



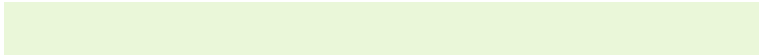
89.0237, 0.3024, 0.3001



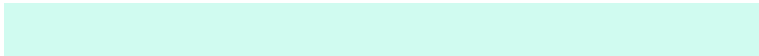
89.0237, 0.3471, 0.3372

Rectangle

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



89.0237, 0.3223, 0.3599



89.0237, 0.2932, 0.3414



89.0237, 0.3024, 0.3001



89.0237, 0.3322, 0.3168

Sweetspot

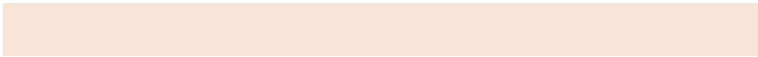
The Sweet Spot groups the original color and five complimentary colors.



89.0276, 0.3223, 0.3599



98.5347, 0.3159, 0.3389



81.0901, 0.3331, 0.3418



21.0328, 0.3165, 0.3407



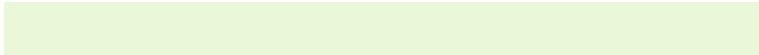
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

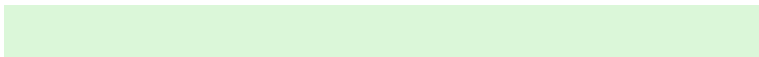
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0276, 0.3223, 0.3599



94.7783, 0.3246, 0.3676



86.6632, 0.3128, 0.3608



18.9367, 0.3202, 0.3529



38.2322, 0.3463, 0.5632



3.4209, 0.3551, 0.5562

Inverse Universe

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



73.1416, 0.3022, 0.2979



74.0848, 0.2994, 0.2900



75.6510, 0.3124, 0.2988



16.2765, 0.3047, 0.3050



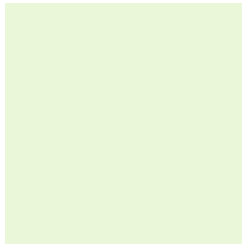
5.2729, 0.1897, 0.0819



0.5229, 0.2036, 0.0895

Previews

White Background



This preview shows how the Yxy color 89.0237, 0.3223, 0.3599 looks on a white background.

Color Contrast Check

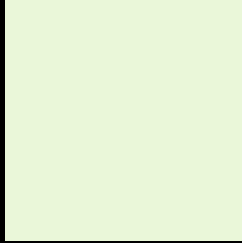
Large Text (above 18pt) WCAG AA × Fail

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 89.0237, 0.3223, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

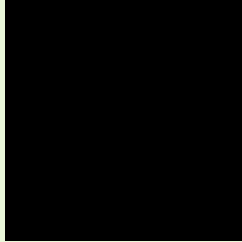
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

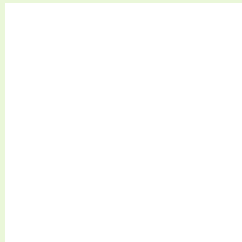
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.0237, 0.3223, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 89.0237, 0.3223, 0.3599.

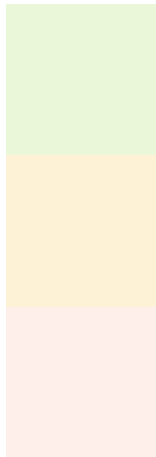


This preview shows how white text looks on a background with the Yxy color 89.0237, 0.3223, 0.3599.

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

89.0237, 0.3223, 0.3599

Protanopia

88.6483, 0.3377, 0.3560

Deuteranopia

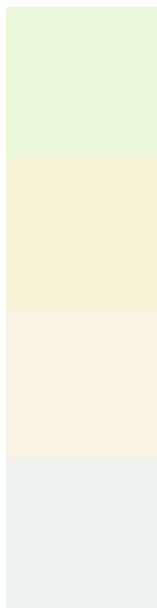
88.9335, 0.3265, 0.3339



Tritanopia

88.8314, 0.3044, 0.3152

Trichromacy



Original Color

89.0237, 0.3223, 0.3599

Protanomaly

88.6003, 0.3320, 0.3573

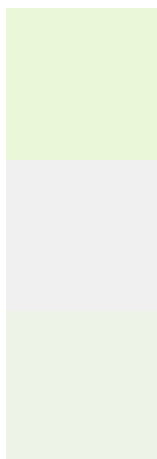
Deuteranomaly

88.8799, 0.3246, 0.3430

Tritanomaly

88.6292, 0.3107, 0.3310

Monochromacy



Original Color

89.0237, 0.3223, 0.3599

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

88.1045, 0.3161, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0237, 0.3223, 0.3599 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, 247, 217)` looks like.

```
.text, #text, p{  
    color:rgb(234, 247, 217)  
}
```

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, 247, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 247, 217) }
```

Border

The CSS property to change the border of an element to Yxy 89.0237, 0.3223, 0.3599 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, 247, 217) }
```

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

```
.border{ border-color:rgb(234, 247, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 247, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 247, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 247, 217);  
box-shadow:4px 4px 4px 4px rgb(234, 247,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0237, 0.3223, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 247, 217) }
```

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

```
.background{ background-color: rgb(234,  
247, 217) }
```

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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