

Converting Colors

Yxy(89.6296, 0.3089, 0.3502)

Have a look what the booklet for
Yxy(89.6296, 0.3089, 0.3502)
contains.

Yxy(89.4161, 0.3092, 0.3497)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(89.4161, 0.3092, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	E1F9E5
RGB	225, 249, 229
RGB Percent	88%, 98%, 90%
CMY	0.1178, 0.0235, 0.1020
CMYK	0.10, 0.00, 0.08, 0.02
HSL	130°, 67%, 93%
HSV	130°, 10%, 98%
XYZ	79.0605, 89.4161, 87.2171
YIQ	239.5440, -7.8840, -11.3080

Conversions

Conversions Part 2

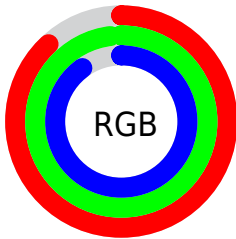
Format	Color
R _Y B	225, 246, 249
Decimal	14809573
CIE Lab	95.75, -11.47, 6.94
CIE LCh	96, 13.403, 148.830
Yxy	89.4161, 0.3092, 0.3497
Android (android.graphics.Color)	4292999653 (0xFFE1F9E5)
YUV	239.5440, -5.1982, -12.7551
Hunter-Lab	94.5601, -16.2385, 11.5062

Details

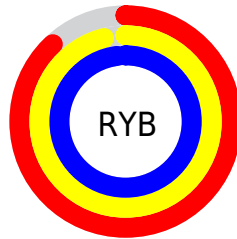
The Yxy color **89.4161, 0.3092, 0.3497** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.5649, 0.3164, 0.3091**, and the grayscale version is **86.8062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7420, 0.3083, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **84.6166, 0.3055, 0.3739**, and if you desaturate by 10%, it is **94.9451, 0.3128, 0.3283**.

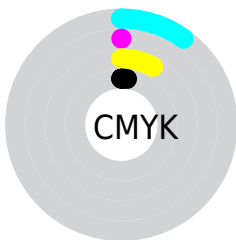
Distribution



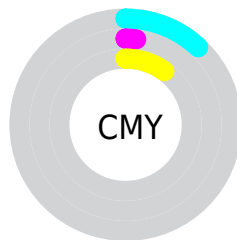
- Red (88%)
- Green (98%)
- Blue (90%)



- Red (88%)
- Yellow (96%)
- Blue (98%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)





- Cyan (12%)
- Magenta (2%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.4161, 0.3092, 0.3497 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 89.4161, 0.3092, 0.3497 by changing the saturation by 10% instead.


 89.4161, 0.3092,
0.3497

 89.4161, 0.3092,
0.3497

526.1296, 0.3108,
0.3403

 67.4965, 0.3088,
0.3518


146.5271, 0.3098,
0.3465

 49.4882, 0.3084,
0.3544

182.4872, 0.3100,
0.3452

 35.0069, 0.3078,
0.3576


223.8962, 0.3102,
0.3441

 23.6682, 0.3070,
0.3617

271.1387, 0.3104,
0.3432

 15.0877, 0.3059,
0.3673

324.5988, 0.3105,
0.3423

 8.8809, 0.3044,
0.3752

384.6611, 0.3106,

 4.6636, 0.3020,

0.3416

0.3871

451.7099, 0.3107,
0.3409

■ 2.0513, 0.2976,
0.4071

■ 0.6370, 0.2779,
0.5439

■ 89.4161, 0.3092,
0.3497

■ 89.4161, 0.3092,
0.3497

■ 84.6166, 0.3055,
0.3739

■ 94.9451, 0.3128,
0.3283

■ 80.5050, 0.3019,
0.4009

■ 96.2413, 0.3130,
0.3233

■ 77.0532, 0.2986,
0.4304

■ 74.2264, 0.2958,
0.4614

■ 71.9867, 0.2938,
0.4929

■ 70.2921, 0.2928,
0.5230

■ 69.0949, 0.2930,
0.5497

■ 68.3386, 0.2943,
0.5714

■ 67.9373, 0.2964,
0.5867

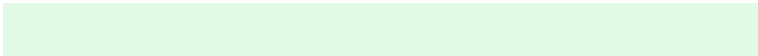
Harmonies

Analogous

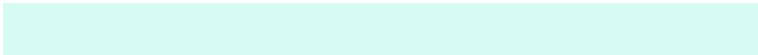
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4161, 0.3243, 0.3553



89.4161, 0.3092, 0.3497



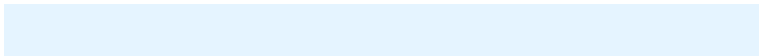
89.4161, 0.2953, 0.3381

Triad

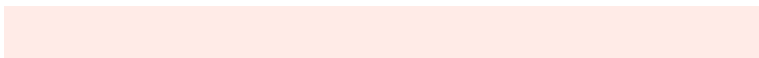
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.4161, 0.3092, 0.3497



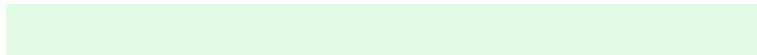
89.4161, 0.2892, 0.3048



89.4161, 0.3400, 0.3328

Complementary

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



89.4161, 0.3092, 0.3497



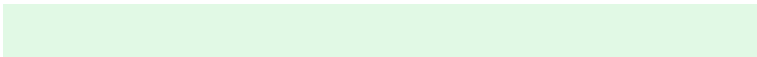
80.5649, 0.3164, 0.3091

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.



89.4161, 0.3302, 0.3199



89.4161, 0.3092, 0.3497



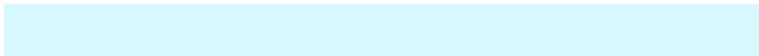
89.4161, 0.3007, 0.3040

Square

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



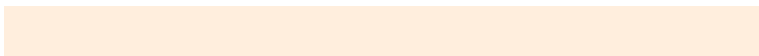
89.4161, 0.3092, 0.3497



89.4161, 0.2839, 0.3120



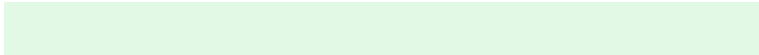
89.4161, 0.3157, 0.3095



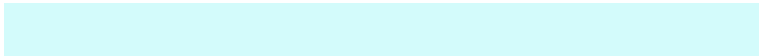
89.4161, 0.3424, 0.3451

Rectangle

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



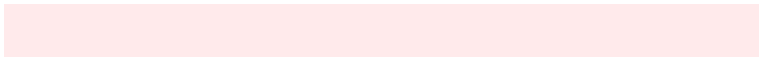
89.4161, 0.3092, 0.3497



89.4161, 0.2885, 0.3288



89.4161, 0.3157, 0.3095



89.4161, 0.3375, 0.3284

Sweetspot

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



89.4199, 0.3092, 0.3497



98.1745, 0.3116, 0.3352



92.6093, 0.3245, 0.3530



20.9115, 0.3113, 0.3368



0.0000, 0.0000, 0.0000



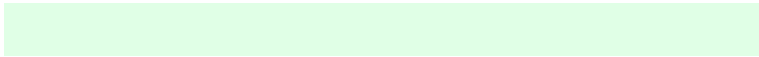
21.4041, 0.3127, 0.3290

Same Dimension

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



89.4199, 0.3092, 0.3497



93.1182, 0.3083, 0.3552



90.1137, 0.3023, 0.3372



19.3567, 0.3093, 0.3493



36.3686, 0.2959, 0.5852



3.3814, 0.2906, 0.5661

Inverse Universe

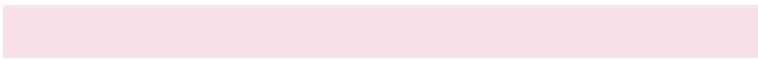
The Inverse Universe completely reimagines the original color for something new.



80.5649, 0.3164, 0.3091



81.6805, 0.3174, 0.3042



79.8554, 0.3243, 0.3210



17.4716, 0.3164, 0.3095



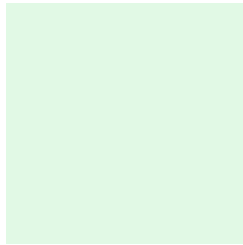
13.2168, 0.3685, 0.1804



1.2369, 0.3619, 0.1767

Previews

White Background



This preview shows how the Yxy color 89.4161, 0.3092, 0.3497 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 89.4161, 0.3092, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

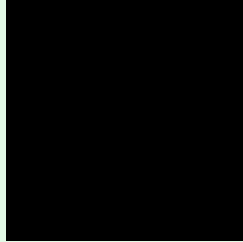
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

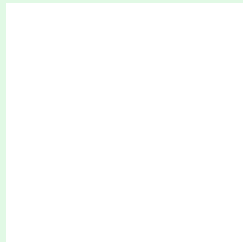
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.4161, 0.3092, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 89.4161, 0.3092, 0.3497.

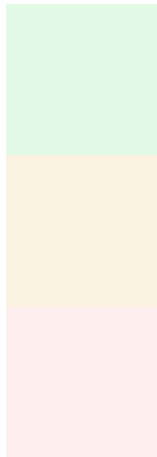


This preview shows how white text looks on a background with the Yxy color 89.4161, 0.3092, 0.3497.

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

89.4161, 0.3092, 0.3497

Protanopia

89.4497, 0.3292, 0.3459

Deuteranopia

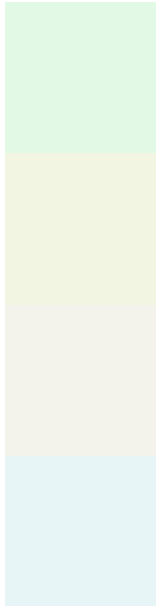
89.1661, 0.3240, 0.3300



Tritanopia

89.1541, 0.3012, 0.3170

Trichromacy



Original Color

89.4161, 0.3092, 0.3497

Protanomaly

89.6730, 0.3223, 0.3482

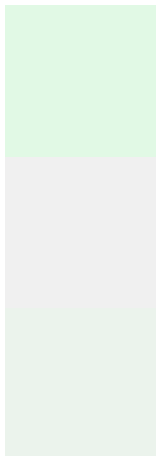
Deuteranomaly

89.3324, 0.3182, 0.3370

Tritanomaly

89.1144, 0.3039, 0.3280

Monochromacy



Original Color

89.4161, 0.3092, 0.3497

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.8195, 0.3117, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.4161, 0.3092, 0.3497 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(225, 249, 229)` looks like.

```
.text, #text, p{  
    color:rgb(225, 249, 229)  
}
```

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(225, 249, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 249, 229) }
```

Border

The CSS property to change the border of an element to Yxy 89.4161, 0.3092, 0.3497 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(225, 249, 229) }
```

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

```
.border{ border-color:rgb(225, 249, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 249, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 249, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 249, 229); box-shadow:4px 4px 4px 4px rgb(225, 249, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 89.4161, 0.3092, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 249, 229) }
```

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

```
.background{ background-color: rgb(225,  
249, 229) }
```

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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