

Converting Colors

$Yxy(79.8180, 0.3122, 0.3383)$

Have a look what the booklet for
Yxy(79.8180, 0.3122, 0.3383)
contains.

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Color

Yxy(79.5614, 0.3116, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	E0E9E1
RGB	224, 233, 225
RGB Percent	88%, 91%, 88%
CMY	0.1218, 0.0862, 0.1176
CMYK	0.04, 0.00, 0.03, 0.09
HSL	127°, 17%, 90%
HSV	127°, 4%, 91%
XYZ	73.4558, 79.5614, 82.7203
YIQ	229.3970, -2.7960, -4.3960

Conversions

Conversions Part 2

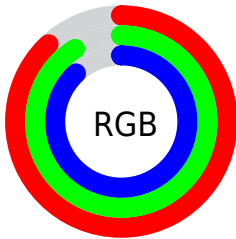
Format	Color
R_{YB}	224, 232, 233
Decimal	14739937
CIE _{Lab}	91.49, -4.46, 2.83
CIE _{LCh}	91, 5.286, 147.626
Yxy	79.5614, 0.3116, 0.3375
Android (android.graphics.Color)	4292930017 (0xFFE0E9E1)
YUV	229.3970, -2.1677, -4.7332
Hunter-Lab	89.1972, -9.0965, 7.4533

Details

The Yxy color **79.5614, 0.3116, 0.3375** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4300, 0.3139, 0.3206**, and the grayscale version is **78.6758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7816, 0.3114, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **75.0383, 0.3087, 0.3614**, and if you desaturate by 10%, it is **84.7368, 0.3144, 0.3166**.

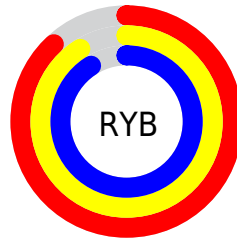
Distribution



Red (88%)

Green (91%)

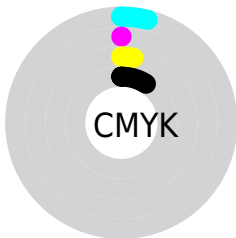
Blue (88%)



Red (88%)

Yellow (91%)

Blue (91%)

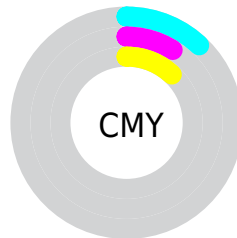


Cyan (4%)

Magenta (0%)

Yellow (3%)

Black (9%)



Cyan (12%)


Magenta (9%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5614, 0.3116, 0.3375 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 79.5614, 0.3116, 0.3375 by changing the saturation by 10% instead.


 79.5614, 0.3116,
0.3375

 79.5614, 0.3116,
0.3375


493.4535, 0.3121,
0.3336

 59.3575, 0.3115,
0.3384


132.7489, 0.3118,
0.3362

 42.9010, 0.3113,
0.3395


166.5013, 0.3119,
0.3356

 29.8074, 0.3111,
0.3408


205.5386, 0.3119,
0.3352

 19.6925, 0.3109,
0.3426

250.2453, 0.3120,
0.3348

 12.1717, 0.3105,
0.3450

301.0058, 0.3120,
0.3344

 6.8607, 0.3100,
0.3485

358.2044, 0.3121,

 3.3751, 0.3092,

0.3341

0.3539

422.2255, 0.3121,
0.3339

■ 1.3306, 0.3078,
0.3633

■ 0.1647, 0.2241,
0.7759

■ 79.5614, 0.3116,
0.3375

■ 79.5614, 0.3116,
0.3375

■ 75.0383, 0.3087,
0.3614

■ 84.7368, 0.3144,
0.3166

■ 71.1319, 0.3057,
0.3883

■ 86.7708, 0.3137,
0.3078

■ 67.8184, 0.3028,
0.4181

■ 65.0689, 0.3001,
0.4500

■ 62.8516, 0.2979,
0.4828

■ 61.1320, 0.2964,
0.5149

■ 59.8712, 0.2958,
0.5441

■ 59.0245, 0.2960,
0.5682

■ 58.5380, 0.2972,
0.5855

Harmonies

Analogous

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



79.5614, 0.3178, 0.3397



79.5614, 0.3116, 0.3375



79.5614, 0.3058, 0.3330

Triad

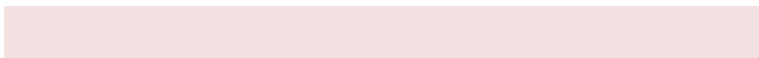
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5614, 0.3116, 0.3375



79.5614, 0.3029, 0.3191



79.5614, 0.3237, 0.3305

Complementary

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



79.5614, 0.3116, 0.3375



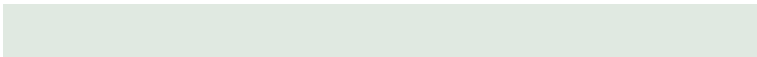
76.4300, 0.3139, 0.3206

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.



79.5614, 0.3197, 0.3251



79.5614, 0.3116, 0.3375



79.5614, 0.3076, 0.3186

Square

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



79.5614, 0.3116, 0.3375



79.5614, 0.3008, 0.3223



79.5614, 0.3138, 0.3208



79.5614, 0.3248, 0.3356

Rectangle

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



79.5614, 0.3116, 0.3375



79.5614, 0.3029, 0.3293



79.5614, 0.3138, 0.3208



79.5614, 0.3227, 0.3287

Sweetspot

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



79.5648, 0.3116, 0.3375



99.3754, 0.3124, 0.3312



80.8190, 0.3177, 0.3385



21.2770, 0.3124, 0.3310



0.0000, 0.0000, 0.0000



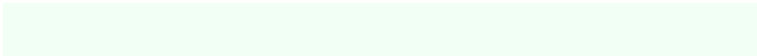
21.4041, 0.3127, 0.3290

Same Dimension

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



79.5648, 0.3116, 0.3375



96.9576, 0.3113, 0.3400



79.8158, 0.3088, 0.3327



17.2740, 0.3111, 0.3415



33.1230, 0.2976, 0.5912



2.6104, 0.2925, 0.5729

Inverse Universe

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



76.4300, 0.3139, 0.3206



92.0374, 0.3142, 0.3182



76.1755, 0.3168, 0.3254



16.2833, 0.3144, 0.3168



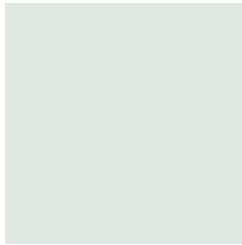
12.3627, 0.3528, 0.1717



0.9794, 0.3478, 0.1689

Previews

White Background



This preview shows how the Yxy color 79.5614, 0.3116, 0.3375 looks on a white background.

Color Contrast Check

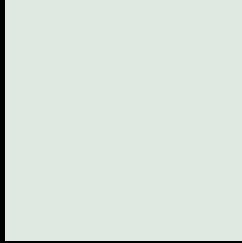
Large Text (above 18pt) WCAG AA × Fail

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 79.5614, 0.3116, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

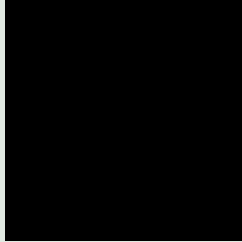
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

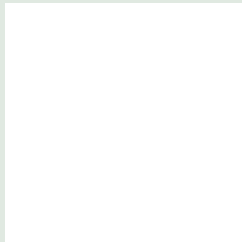
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5614, 0.3116, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 79.5614, 0.3116, 0.3375.

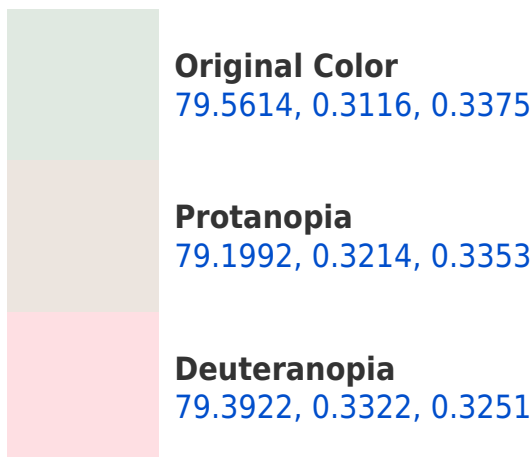


This preview shows how white text looks on a background with the Yxy color 79.5614, 0.3116, 0.3375.

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

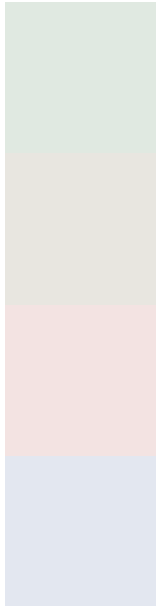




Tritanopia

79.8649, 0.3002, 0.3105

Trichromacy



Original Color

79.5614, 0.3116, 0.3375

Protanomaly

79.1313, 0.3179, 0.3353

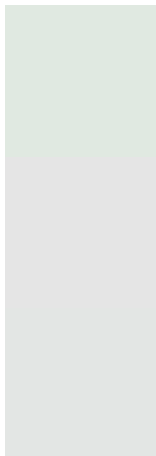
Deuteranomaly

79.4838, 0.3246, 0.3301

Tritanomaly

79.7740, 0.3044, 0.3196

Monochromacy



Original Color

79.5614, 0.3116, 0.3375

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.5260, 0.3119, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5614, 0.3116, 0.3375 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(224, 233, 225) looks like.

```
.text, #text, p{  
    color:rgb(224, 233, 225)  
}
```

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(224, 233, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 233, 225) }
```

Border

The CSS property to change the border of an element to Yxy 79.5614, 0.3116, 0.3375 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(224, 233, 225) }
```

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

```
.border{ border-color:rgb(224, 233, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 233, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 233, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 233, 225);  
box-shadow:4px 4px 4px 4px rgb(224, 233,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5614, 0.3116, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 233, 225) }
```

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

```
.background{ background-color: rgb(224,  
233, 225) }
```

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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