

Converting Colors

$Yxy(78.0969, 0.3114, 0.3368)$

Have a look what the booklet for
Yxy(78.0969, 0.3114, 0.3368)
contains.

Yxy(78.0632, 0.3110, 0.3365)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.0632, 0.3110, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	DEE7E0
RGB	222, 231, 224
RGB Percent	87%, 91%, 88%
CMY	0.1295, 0.0941, 0.1216
CMYK	0.04, 0.00, 0.03, 0.09
HSL	133°, 16%, 89%
HSV	133°, 4%, 91%
XYZ	72.1476, 78.0632, 81.7750
YIQ	227.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

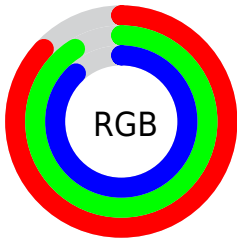
Format	Color
R _Y B	222, 229, 231
Decimal	14608352
CIE Lab	90.81, -4.28, 2.36
CIE LCh	91, 4.884, 151.143
Yxy	78.0632, 0.3110, 0.3365
Android (android.graphics.Color)	4292798432 (0xFFDEE7E0)
YUV	227.5110, -1.7309, -4.8331
Hunter-Lab	88.3534, -8.8590, 6.9718

Details

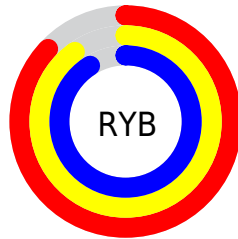
The Yxy color **78.0632, 0.3110, 0.3365** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8794, 0.3145, 0.3216**, and the grayscale version is **77.2210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.7400, 0.3106, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **73.7418, 0.3066, 0.3575**, and if you desaturate by 10%, it is **82.9941, 0.3153, 0.3181**.

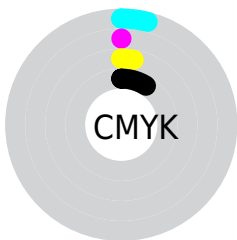
Distribution



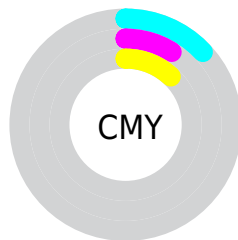
- Red (87%)
- Green (91%)
- Blue (88%)



- Red (87%)
- Yellow (90%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.0632, 0.3110, 0.3365 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 78.0632, 0.3110, 0.3365 by changing the saturation by 10% instead.

■ 78.0632, 0.3110,
0.3365

■ 78.0632, 0.3110,
0.3365

488.3814, 0.3118,
0.3331

■ 58.1259, 0.3108,
0.3373

130.6392, 0.3113,
0.3353

■ 41.9099, 0.3106,
0.3382

164.0467, 0.3114,
0.3348

■ 29.0307, 0.3103,
0.3395

202.7131, 0.3115,
0.3344

■ 19.1041, 0.3099,
0.3411

247.0227, 0.3116,
0.3341

■ 11.7455, 0.3094,
0.3432

297.3599, 0.3116,
0.3338

■ 6.5706, 0.3087,
0.3463

354.1092, 0.3117,

■ 3.1951, 0.3075,

0.3335

0.3512

417.6549, 0.3117,
0.3333

■ 1.2344, 0.3054,
0.3598

■ 0.0895, 0.0000,
1.0000

■ 78.0632, 0.3110,
0.3365

■ 78.0632, 0.3110,
0.3365

■ 73.7418, 0.3066,
0.3575

■ 82.9941, 0.3153,
0.3181

■ 69.9964, 0.3022,
0.3810

■ 85.6394, 0.3138,
0.3058

■ 66.8055, 0.2981,
0.4071

■ 64.1423, 0.2944,
0.4352

■ 61.9779, 0.2916,
0.4646

■ 60.2804, 0.2898,
0.4942

■ 59.0143, 0.2892,
0.5224

■ 58.1387, 0.2901,
0.5475

■ 57.6042, 0.2923,
0.5681

Harmonies

Analogous

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



78.0632, 0.3168, 0.3388



78.0632, 0.3110, 0.3365



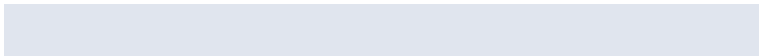
78.0632, 0.3057, 0.3321

Triad

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



78.0632, 0.3110, 0.3365



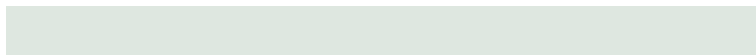
78.0632, 0.3040, 0.3196



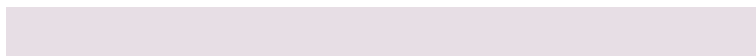
78.0632, 0.3232, 0.3310

Complementary

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



78.0632, 0.3110, 0.3365



74.8794, 0.3145, 0.3216

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.



78.0632, 0.3197, 0.3259



78.0632, 0.3110, 0.3365



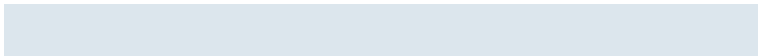
78.0632, 0.3086, 0.3194

Square

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



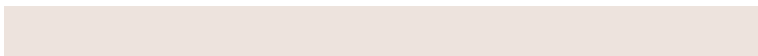
78.0632, 0.3110, 0.3365



78.0632, 0.3017, 0.3223



78.0632, 0.3144, 0.3217



78.0632, 0.3239, 0.3356

Rectangle

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



78.0632, 0.3110, 0.3365



78.0632, 0.3032, 0.3286



78.0632, 0.3144, 0.3217



78.0632, 0.3224, 0.3293

Sweetspot

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



78.0665, 0.3110, 0.3365



99.3925, 0.3123, 0.3309



79.0993, 0.3171, 0.3385



21.2805, 0.3123, 0.3308



0.0000, 0.0000, 0.0000



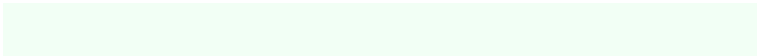
21.4041, 0.3127, 0.3290

Same Dimension

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



78.0665, 0.3110, 0.3365



97.0392, 0.3105, 0.3387



78.3121, 0.3082, 0.3317



16.4969, 0.3102, 0.3400



32.1911, 0.2933, 0.5757



2.3926, 0.2857, 0.5485

Inverse Universe

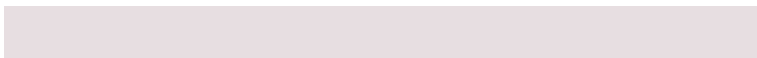
The Inverse Universe completely reimagines the original color for something new.



74.8794, 0.3145, 0.3216



91.9520, 0.3150, 0.3195



74.6330, 0.3174, 0.3263



15.5218, 0.3153, 0.3182



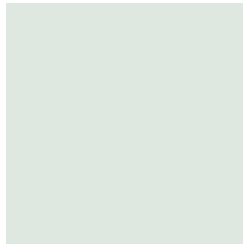
11.3833, 0.3864, 0.1902



0.8547, 0.3749, 0.1839

Previews

White Background



This preview shows how the Yxy color 78.0632, 0.3110, 0.3365 looks on a white background.

Color Contrast Check

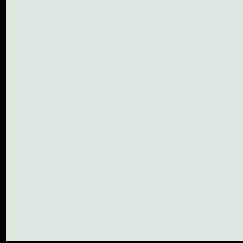
Large Text (above 18pt) WCAG AA × Fail

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 78.0632, 0.3110, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

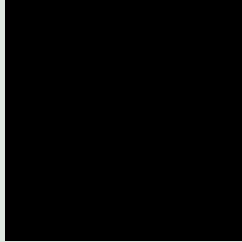
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

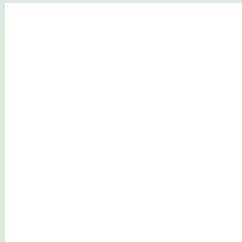
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.0632, 0.3110, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 78.0632, 0.3110, 0.3365.

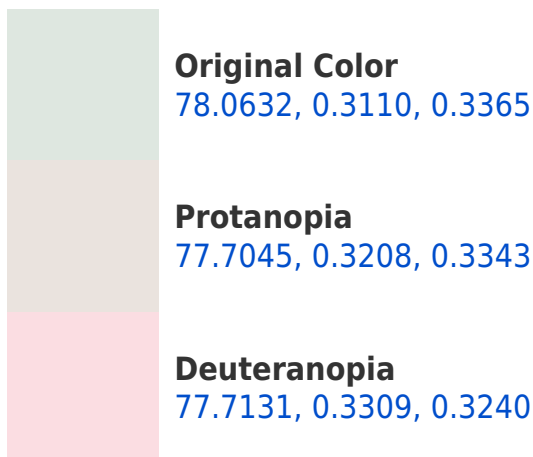


This preview shows how white text looks on a background with the Yxy color 78.0632, 0.3110, 0.3365.

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

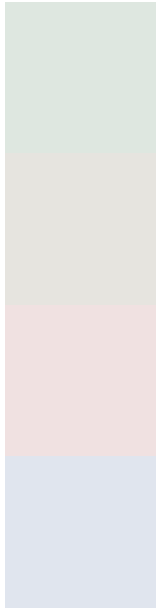




Tritanopia

78.1482, 0.2995, 0.3103

Trichromacy



Original Color

78.0632, 0.3110, 0.3365

Protanomaly

77.6375, 0.3173, 0.3343

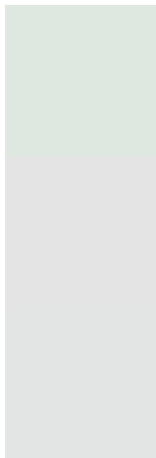
Deuteranomaly

77.8119, 0.3233, 0.3290

Tritanomaly

78.0590, 0.3037, 0.3195

Monochromacy



Original Color

78.0632, 0.3110, 0.3365

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.7534, 0.3119, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0632, 0.3110, 0.3365 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(222, 231, 224)` looks like.

```
.text, #text, p{  
    color:rgb(222, 231, 224)  
}
```

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(222, 231, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 231, 224) }
```

Border

The CSS property to change the border of an element to Yxy 78.0632, 0.3110, 0.3365 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(222, 231, 224) }
```

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

```
.border{ border-color:rgb(222, 231, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 231, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 231, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 231, 224);  
box-shadow:4px 4px 4px 4px rgb(222, 231,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0632, 0.3110, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 231, 224) }
```

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

```
.background{ background-color: rgb(222,  
231, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor