

Converting Colors

$Yxy(78.6371, 0.3109, 0.3323)$

Have a look what the booklet for
Yxy(78.6371, 0.3109, 0.3323)
contains.

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Color

Yxy(78.7608, 0.3105, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	E1E7E4
RGB	225, 231, 228
RGB Percent	88%, 91%, 89%
CMY	0.1179, 0.0940, 0.1059
CMYK	0.03, 0.00, 0.01, 0.09
HSL	150°, 11%, 89%
HSV	150°, 3%, 91%
XYZ	73.6160, 78.7608, 84.7117
YIQ	228.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

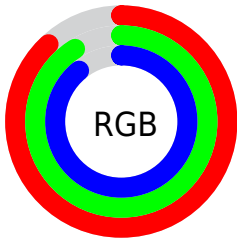
Format	Color
R _Y B	225, 229, 231
Decimal	14804964
CIE Lab	91.13, -2.57, 0.75
CIE LCh	91, 2.680, 163.667
Yxy	78.7608, 0.3105, 0.3322
Android (android.graphics.Color)	4292995044 (0xFFE1E7E4)
YUV	228.8640, -0.4260, -3.3887
Hunter-Lab	88.7473, -7.2418, 5.5292

Details

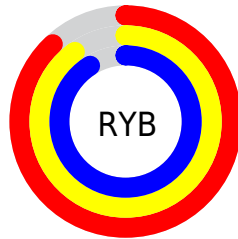
The Yxy color **78.7608, 0.3105, 0.3322** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4130, 0.3150, 0.3258**, and the grayscale version is **78.2498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.2231, 0.3100, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **74.6809, 0.3022, 0.3453**, and if you desaturate by 10%, it is **83.3925, 0.3189, 0.3206**.

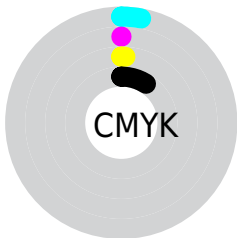
Distribution



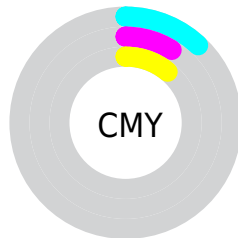
- Red (88%)
- Green (91%)
- Blue (89%)



- Red (88%)
- Yellow (90%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (12%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.7608, 0.3105, 0.3322 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 78.7608, 0.3105, 0.3322 by changing the saturation by 10% instead.

■ 78.7608, 0.3105,
0.3322

■ 78.7608, 0.3105,
0.3322

490.7468, 0.3115,
0.3307

■ 58.6992, 0.3103,
0.3325

131.6221, 0.3109,
0.3317

■ 42.3710, 0.3100,
0.3329

165.1905, 0.3110,
0.3315

■ 29.3919, 0.3096,
0.3334

204.0299, 0.3111,
0.3313

■ 19.3775, 0.3092,
0.3341

248.5248, 0.3112,
0.3312

■ 11.9434, 0.3085,
0.3350

299.0596, 0.3113,
0.3311

■ 6.7051, 0.3076,
0.3363

356.0185, 0.3114,

■ 3.2784, 0.3063,

0.3309

419.7861, 0.3115,
0.3308

0.3383

1.2787, 0.3039,
0.3417

0.1246, 0.2115,
0.4733

78.7608, 0.3105,
0.3322

78.7608, 0.3105,
0.3322

74.6809, 0.3022,
0.3453

83.3925, 0.3189,
0.3206

71.1217, 0.2941,
0.3599

85.3932, 0.3163,
0.3096

68.0645, 0.2866,
0.3760

85.6449, 0.3138,
0.3058

65.4853, 0.2800,
0.3934

■ 63.3584, 0.2746,
0.4120

■ 61.6553, 0.2707,
0.4314

■ 60.3442, 0.2687,
0.4512

■ 59.3886, 0.2686,
0.4708

■ 58.7447, 0.2706,
0.4896

Harmonies

Analogous

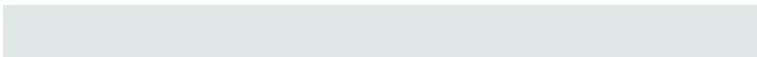
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7608, 0.3137, 0.3340



78.7608, 0.3105, 0.3322



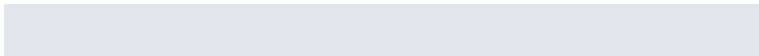
78.7608, 0.3079, 0.3295

Triad

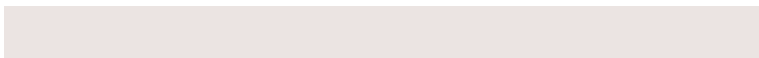
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7608, 0.3105, 0.3322



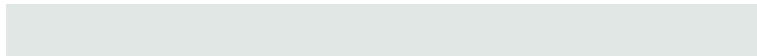
78.7608, 0.3089, 0.3236



78.7608, 0.3188, 0.3312

Complementary

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



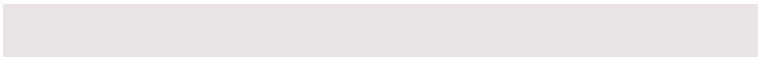
78.7608, 0.3105, 0.3322



76.4130, 0.3150, 0.3258

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.



78.7608, 0.3175, 0.3285



78.7608, 0.3105, 0.3322



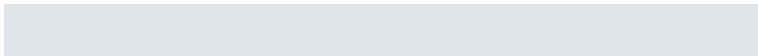
78.7608, 0.3118, 0.3241

Square

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



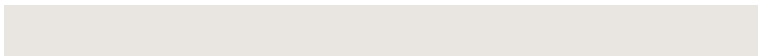
78.7608, 0.3105, 0.3322



78.7608, 0.3070, 0.3246



78.7608, 0.3149, 0.3259



78.7608, 0.3185, 0.3334

Rectangle

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



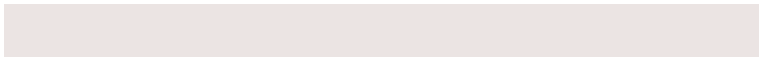
78.7608, 0.3105, 0.3322



78.7608, 0.3069, 0.3276



78.7608, 0.3149, 0.3259



78.7608, 0.3186, 0.3304

Sweetspot

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



78.7642, 0.3105, 0.3322



99.4379, 0.3119, 0.3302



79.0893, 0.3145, 0.3354



21.2897, 0.3119, 0.3302



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

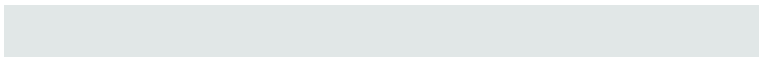
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.7642, 0.3105, 0.3322



98.3343, 0.3102, 0.3327



78.9342, 0.3086, 0.3290



16.7099, 0.3095, 0.3336



32.7682, 0.2722, 0.5000



2.4402, 0.2648, 0.4733

Inverse Universe

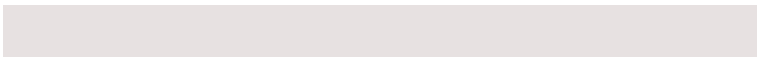
The Inverse Universe completely reimagines the original color for something new.



76.4130, 0.3150, 0.3258



94.9715, 0.3153, 0.3254



76.2459, 0.3170, 0.3290



15.9943, 0.3160, 0.3244



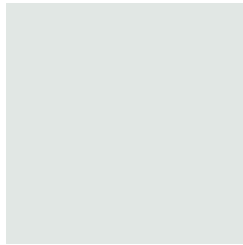
10.2471, 0.4958, 0.2505



0.7760, 0.4634, 0.2326

Previews

White Background



This preview shows how the Yxy color 78.7608, 0.3105, 0.3322 looks on a white background.

Color Contrast Check

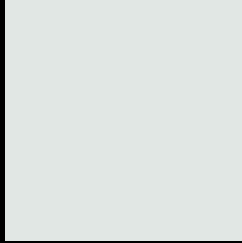
Large Text (above 18pt) WCAG AA × Fail

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 78.7608, 0.3105, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

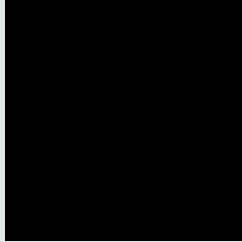
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

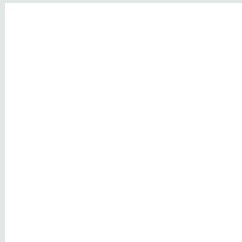
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.7608, 0.3105, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 78.7608, 0.3105, 0.3322.

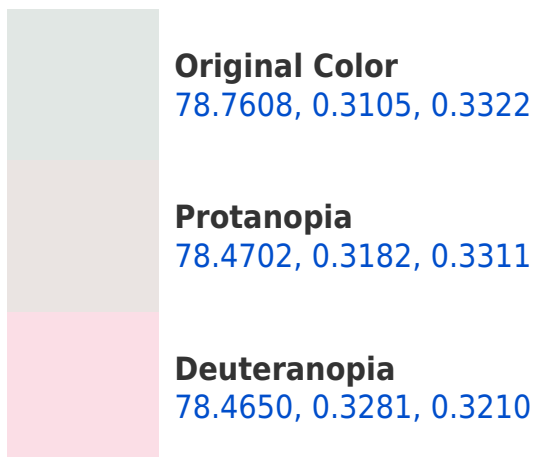


This preview shows how white text looks on a background with the Yxy color 78.7608, 0.3105, 0.3322.

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

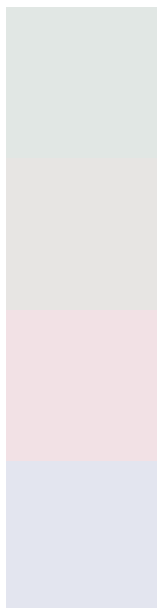




Tritanopia

78.6346, 0.3015, 0.3104

Trichromacy



Original Color

78.7608, 0.3105, 0.3322

Protanomaly

78.5736, 0.3154, 0.3311

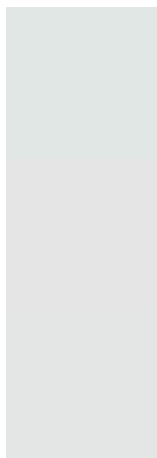
Deuteranomaly

78.3848, 0.3220, 0.3249

Tritanomaly

78.6015, 0.3051, 0.3186

Monochromacy



Original Color

78.7608, 0.3105, 0.3322

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.7448, 0.3120, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7608, 0.3105, 0.3322 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, 231, 228)` looks like.

```
.text, #text, p{  
    color:rgb(225, 231, 228)  
}
```

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, 231, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 231, 228) }
```

Border

The CSS property to change the border of an element to Yxy 78.7608, 0.3105, 0.3322 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, 231, 228) }
```

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

```
.border{ border-color:rgb(225, 231, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 231, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 231, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 231, 228);  
box-shadow:4px 4px 4px 4px rgb(225, 231,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7608, 0.3105, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 231, 228) }
```

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

```
.background{ background-color: rgb(225,  
231, 228) }
```

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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