

Converting Colors

$Y_{xy}(79.2508, 0.3124, 0.3319)$

Have a look what the booklet for
Yxy(79.2508, 0.3124, 0.3319)
contains.

Yxy(79.2472, 0.3126, 0.3322)	3
Conversions	4
Details	6
Harmonies	12
Previews	23
Color Blindness Simulation	26
CSS Examples	29

Color

Yxy(79.2472, 0.3126, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	E4E7E4
RGB	228, 231, 228
RGB Percent	89%, 91%, 89%
CMY	0.1058, 0.0941, 0.1060
CMYK	0.01, 0.00, 0.01, 0.09
HSL	119°, 6%, 90%
HSV	119°, 1%, 91%
XYZ	74.5716, 79.2472, 84.7339
YIQ	229.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

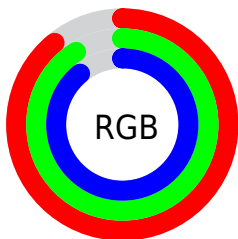
Format	Color
RYB	228, 231, 231
Decimal	15001572
CIELab	91.35, -1.54, 1.12
CIElCh	91, 1.904, 144.081
Yxy	79.2472, 0.3126, 0.3322
Android (android.graphics.Color)	4293191652 (0xFFE4E7E4)
YUV	229.7610, -0.8682, -1.5444
Hunter-Lab	89.0209, -6.2596, 5.8799

Details

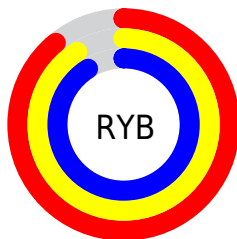
The Yxy color **79.2472, 0.3126, 0.3322** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.2162, 0.3128, 0.3258**, and the grayscale version is **78.9530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5613, 0.3126, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **74.5771, 0.3116, 0.3584**, and if you desaturate by 10%, it is **84.5839, 0.3134, 0.3094**.

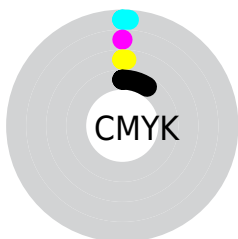
Distribution



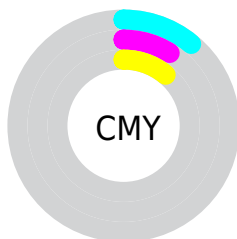
- Red (89%)
- Green (91%)
- Blue (89%)



- Red (89%)
- Yellow (91%)
- Blue (91%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2472, 0.3126, 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 79.2472, 0.3126, 0.3322 by changing the saturation by 10% instead.

■ 79.2472, 0.3126,
0.3322

■ 79.2472, 0.3126,
0.3322

492.3922, 0.3127,
0.3307

■ 59.0991, 0.3126,
0.3325

132.3068, 0.3126,
0.3317

■ 42.6929, 0.3126,
0.3329

165.9871, 0.3126,
0.3315

■ 29.6442, 0.3125,
0.3334

204.9469, 0.3126,
0.3313

■ 19.5687, 0.3125,
0.3341

249.5706, 0.3126,
0.3312

■ 12.0819, 0.3125,
0.3350

300.2425, 0.3126,
0.3311

■ 6.7995, 0.3124,
0.3363

357.3472, 0.3127,

■ 3.3370, 0.3123,

0.3309

421.2690, 0.3127,
0.3308

0.3382

■ 1.3101, 0.3122,
0.3417

■ 0.1490, 0.3084,
0.4420

■ 79.2472, 0.3126,
0.3322

■ 79.2472, 0.3126,
0.3322

■ 74.5771, 0.3116,
0.3584

■ 84.5839, 0.3134,
0.3094

■ 70.5376, 0.3105,
0.3882

■ 85.6359, 0.3138,
0.3058

■ 67.1050, 0.3092,
0.4210

■ 64.2499, 0.3077,
0.4562

■ 61.9405, 0.3061,
0.4922

■ 60.1422, 0.3045,
0.5265

■ 58.8161, 0.3030,
0.5565

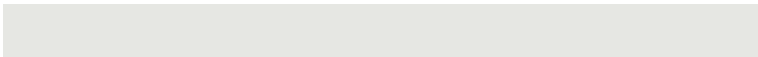
■ 57.9179, 0.3017,
0.5794

■ 57.3950, 0.3007,
0.5937

Harmonies

Analogous

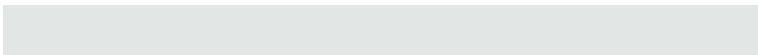
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2472, 0.3148, 0.3329



79.2472, 0.3126, 0.3322



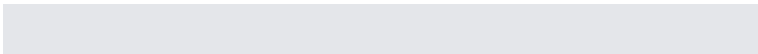
79.2472, 0.3104, 0.3307

Triad

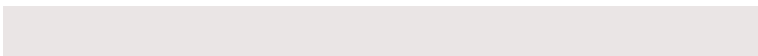
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2472, 0.3126, 0.3322



79.2472, 0.3090, 0.3255



79.2472, 0.3166, 0.3293

Complementary

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



79.2472, 0.3126, 0.3322



78.2162, 0.3128, 0.3258

Split Complementary

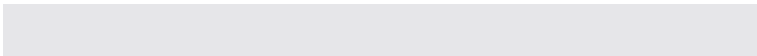
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2472, 0.3150, 0.3274



79.2472, 0.3126, 0.3322



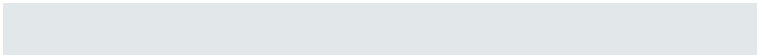
79.2472, 0.3106, 0.3252

Square

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



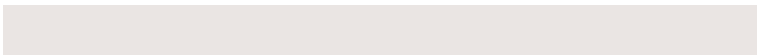
79.2472, 0.3126, 0.3322



79.2472, 0.3084, 0.3268



79.2472, 0.3128, 0.3259



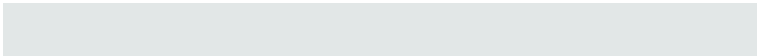
79.2472, 0.3171, 0.3312

Rectangle

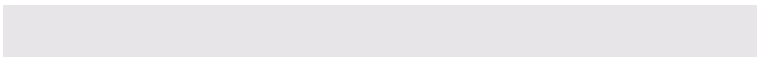
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



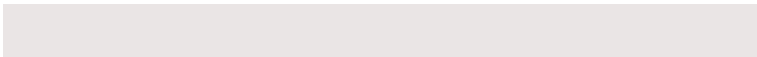
79.2472, 0.3126, 0.3322



79.2472, 0.3093, 0.3294



79.2472, 0.3128, 0.3259



79.2472, 0.3161, 0.3287

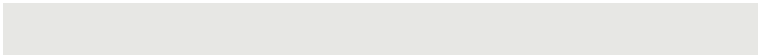
Sweetspot

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



79.2506, 0.3126, 0.3322

100.0000, 0.3127, 0.3290



79.7168, 0.3146, 0.3321



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



79.2506, 0.3126, 0.3322



98.7369, 0.3125, 0.3339



79.3246, 0.3116, 0.3307



16.8617, 0.3125, 0.3336



32.0591, 0.3004, 0.5997



2.3731, 0.3014, 0.5989

Inverse Universe

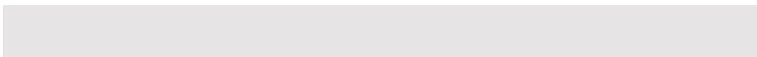
The Inverse Universe completely reimagines the original color for something new.



78.2162, 0.3128, 0.3258



96.7732, 0.3129, 0.3241



78.1416, 0.3138, 0.3274



16.5464, 0.3129, 0.3244



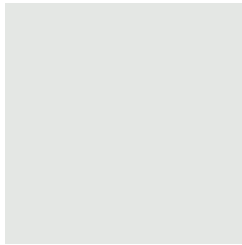
12.4140, 0.3168, 0.1519



0.9212, 0.3175, 0.1523

Previews

White Background



This preview shows how the Yxy color 79.2472, 0.3126, 0.3322 looks on a white background.

Color Contrast Check

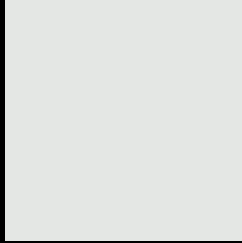
Large Text (above 18pt) WCAG AA × Fail

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 79.2472, 0.3126, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

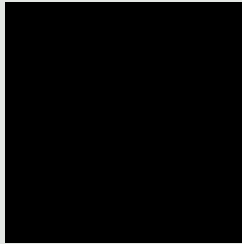
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

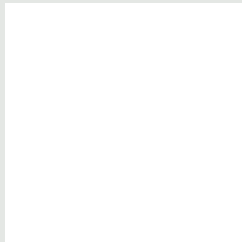
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2472, 0.3126, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 79.2472, 0.3126, 0.3322.

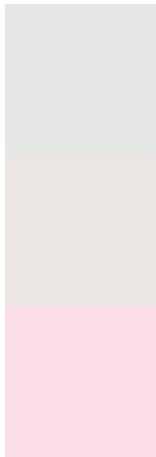


This preview shows how white text looks on a background with the Yxy color 79.2472, 0.3126, 0.3322.

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



Original Color

79.2472, 0.3126, 0.3322

Protanopia

79.2468, 0.3181, 0.3311

Deuteranopia

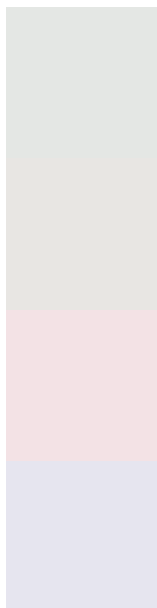
79.1840, 0.3287, 0.3220



Tritanopia

79.1296, 0.3034, 0.3105

Trichromacy



Original Color

79.2472, 0.3126, 0.3322

Protanomaly

79.2955, 0.3160, 0.3321

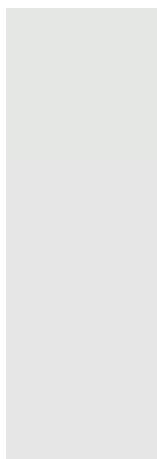
Deuteranomaly

79.1045, 0.3227, 0.3260

Tritanomaly

79.0936, 0.3071, 0.3186

Monochromacy



Original Color

79.2472, 0.3126, 0.3322

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.9088, 0.3127, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2472, 0.3126, 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(228, 231, 228)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 231, 228) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 79.2472, 0.3126, 0.3322 is called "border". The border property can be set on classes, ids or directly on the HTML element.

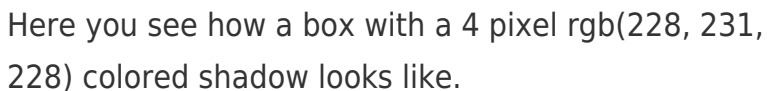
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 231, 228) }
```

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

```
.border{ border-color:rgb(228, 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(228, 231, 228)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Yxy 79.2472, 0.3126, 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(228, 231, 228) }
```

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

```
.background{ background-color: rgb(228,  
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](#).

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