

Converting Colors

$Yxy(82.1531, 0.3075, 0.3350)$

Have a look what the booklet for
Yxy(82.1531, 0.3075, 0.3350)
contains.

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Color

Yxy(82.1852, 0.3078, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	E0EDE7
RGB	224, 237, 231
RGB Percent	88%, 93%, 91%
CMY	0.1216, 0.0706, 0.0942
CMYK	0.05, 0.00, 0.03, 0.07
HSL	152°, 27%, 90%
HSV	152°, 5%, 93%
XYZ	75.4447, 82.1852, 87.4796
YIQ	232.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

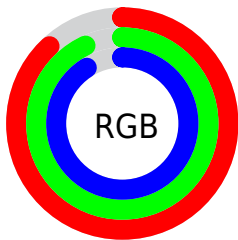
Format	Color
RYB	224, 232, 237
Decimal	14740967
CIELab	92.66, -5.40, 1.41
CIELCh	93, 5.579, 165.355
Yxy	82.1852, 0.3078, 0.3353
Android (android.graphics.Color)	4292931047 (0xFFE0EDE7)
YUV	232.4290, -0.7045, -7.3922
Hunter-Lab	90.6561, -10.0990, 6.2467

Details

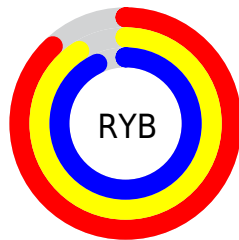
The Yxy color **82.1852, 0.3078, 0.3353** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.0264, 0.3179, 0.3228**, and the grayscale version is **81.0435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5779, 0.3072, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **78.0622, 0.2990, 0.3478**, and if you desaturate by 10%, it is **86.8818, 0.3168, 0.3241**.

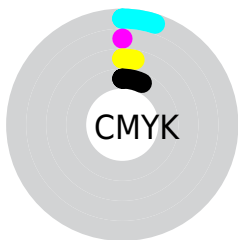
Distribution



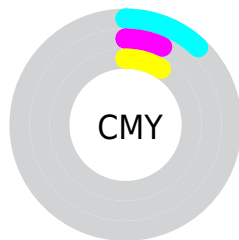
- Red (88%)
- Green (93%)
- Blue (91%)



- Red (88%)
- Yellow (91%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.1852, 0.3078, 0.3353 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 82.1852, 0.3078, 0.3353 by changing the saturation by 10% instead.

■ 82.1852, 0.3078,
0.3353

■ 82.1852, 0.3078,
0.3353

502.2670, 0.3100,
0.3324

■ 61.5182, 0.3073,
0.3359

136.4337, 0.3086,
0.3343

■ 44.6435, 0.3067,
0.3367

170.7840, 0.3089,
0.3339

■ 31.1767, 0.3059,
0.3377

210.4641, 0.3091,
0.3336

■ 20.7335, 0.3049,
0.3390

255.8586, 0.3094,
0.3333

■ 12.9293, 0.3036,
0.3407

307.3517, 0.3096,
0.3331

■ 7.3799, 0.3017,
0.3432

365.3278, 0.3097,

■ 3.7008, 0.2987,

0.3328

0.3470

430.1715, 0.3099,
0.3326

■ 1.5076, 0.2938,
0.3534

■ 0.2941, 0.2227,
0.4433

■ 82.1852, 0.3078,
0.3353

■ 82.1852, 0.3078,
0.3353

■ 78.0622, 0.2990,
0.3478

■ 86.8818, 0.3168,
0.3241

■ 74.4798, 0.2906,
0.3617

■ 88.9199, 0.3148,
0.3137

■ 71.4177, 0.2829,
0.3769

■ 89.0539, 0.3135,
0.3117

■ 68.8501, 0.2762,
0.3933

■ 66.7490, 0.2709,
0.4107

■ 65.0833, 0.2672,
0.4288

■ 63.8183, 0.2655,
0.4471

■ 62.9133, 0.2658,
0.4653

■ 62.3187, 0.2681,
0.4827

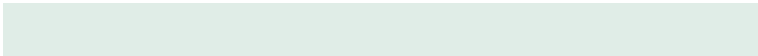
Harmonies

Analogous

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



82.1852, 0.3142, 0.3392



82.1852, 0.3078, 0.3353



82.1852, 0.3027, 0.3297

Triad

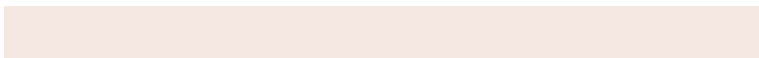
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1852, 0.3078, 0.3353



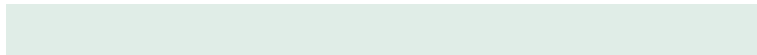
82.1852, 0.3051, 0.3180



82.1852, 0.3253, 0.3338

Complementary

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



82.1852, 0.3078, 0.3353



77.0264, 0.3179, 0.3228

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.



82.1852, 0.3228, 0.3282



82.1852, 0.3078, 0.3353



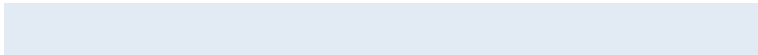
82.1852, 0.3111, 0.3191

Square

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



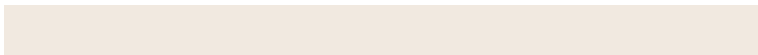
82.1852, 0.3078, 0.3353



82.1852, 0.3012, 0.3197



82.1852, 0.3176, 0.3229



82.1852, 0.3244, 0.3382

Rectangle

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



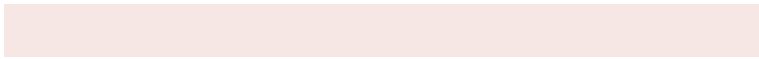
82.1852, 0.3078, 0.3353



82.1852, 0.3007, 0.3258



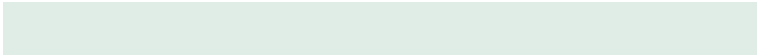
82.1852, 0.3176, 0.3229



82.1852, 0.3249, 0.3320

Sweetspot

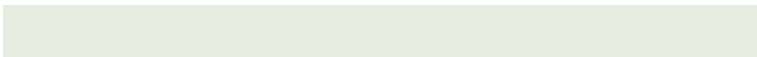
The Sweet Spot groups the original color and five complimentary colors.



82.1887, 0.3078, 0.3353



98.8946, 0.3109, 0.3313



82.7892, 0.3161, 0.3426



21.1791, 0.3110, 0.3311



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

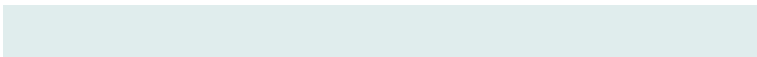
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1887, 0.3078, 0.3353



96.2501, 0.3064, 0.3371



82.2837, 0.3042, 0.3285



17.1669, 0.3060, 0.3378



33.9374, 0.2688, 0.4876



2.6843, 0.2621, 0.4637

Inverse Universe

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



77.0264, 0.3179, 0.3228



88.5325, 0.3195, 0.3210



76.9275, 0.3219, 0.3295



15.6857, 0.3200, 0.3204



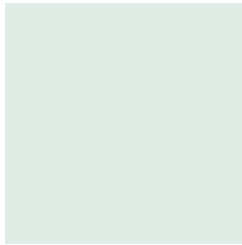
10.4654, 0.5115, 0.2592



0.8410, 0.4783, 0.2409

Previews

White Background



This preview shows how the Yxy color 82.1852, 0.3078, 0.3353 looks on a white background.

Color Contrast Check

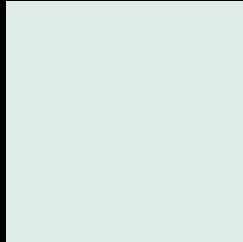
Large Text (above 18pt) WCAG AA × Fail

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 82.1852, 0.3078, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

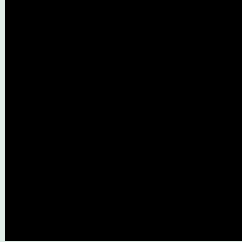
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

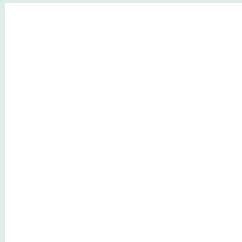
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.1852, 0.3078, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 82.1852, 0.3078, 0.3353.

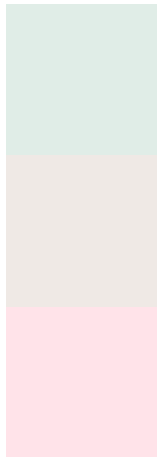


This preview shows how white text looks on a background with the Yxy color 82.1852, 0.3078, 0.3353.

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

82.1852, 0.3078, 0.3353

Protanopia

82.2857, 0.3193, 0.3331

Deuteranopia

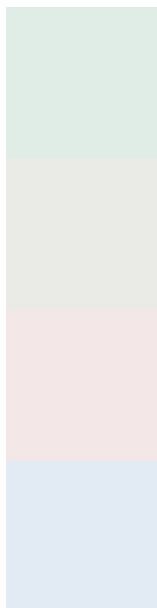
82.0814, 0.3284, 0.3231



Tritanopia

82.2048, 0.2972, 0.3106

Trichromacy



Original Color

82.1852, 0.3078, 0.3353

Protanomaly

82.0512, 0.3152, 0.3331

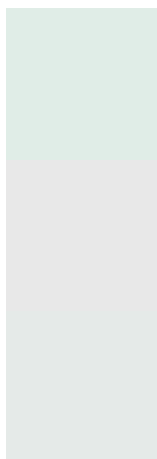
Deuteranomaly

82.2111, 0.3210, 0.3280

Tritanomaly

82.1171, 0.3013, 0.3197

Monochromacy



Original Color

82.1852, 0.3078, 0.3353

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.3298, 0.3106, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1852, 0.3078, 0.3353 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, 237, 231)` looks like.

```
.text, #text, p{  
    color:rgb(224, 237, 231)  
}
```

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, 237, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 237, 231) }
```

Border

The CSS property to change the border of an element to Yxy 82.1852, 0.3078, 0.3353 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, 237, 231) }
```

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

```
.border{ border-color:rgb(224, 237, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 237, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 237, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 237, 231);  
box-shadow:4px 4px 4px 4px rgb(224, 237,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1852, 0.3078, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 237, 231) }
```

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

```
.background{ background-color: rgb(224,  
237, 231) }
```

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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