

Converting Colors

Yxy(81.9119, 0.3087, 0.3408)

Have a look what the booklet for
Yxy(81.9119, 0.3087, 0.3408)
contains.

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Color

Yxy(82.0673, 0.3082, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	DDEEE3
RGB	221, 238, 227
RGB Percent	87%, 93%, 89%
CMY	0.1333, 0.0667, 0.1097
CMYK	0.07, 0.00, 0.05, 0.07
HSL	141°, 33%, 90%
HSV	141°, 7%, 93%
XYZ	74.2605, 82.0673, 84.6214
YIQ	231.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

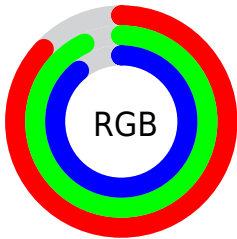
Format	Color
R _Y B	221, 234, 238
Decimal	14544611
CIE Lab	92.60, -7.61, 3.37
CIE LCh	93, 8.321, 156.121
Yxy	82.0673, 0.3082, 0.3406
Android (android.graphics.Color)	4292734691 (0xFFDDEEE3)
YUV	231.6630, -2.2989, -9.3515
Hunter-Lab	90.5910, -12.2117, 8.0307

Details

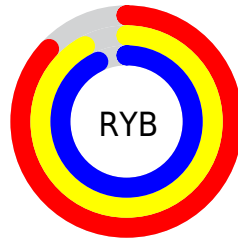
The Yxy color **82.0673, 0.3082, 0.3406** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.7131, 0.3175, 0.3177**, and the grayscale version is **80.4551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5414, 0.3070, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **77.7854, 0.3019, 0.3586**, and if you desaturate by 10%, it is **86.9614, 0.3145, 0.3247**.

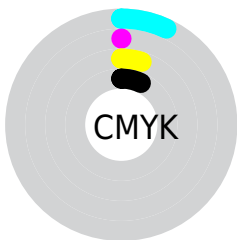
Distribution



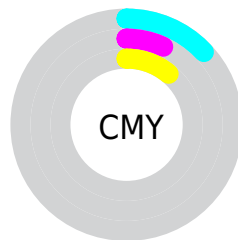
- Red (87%)
- Green (93%)
- Blue (89%)



- Red (87%)
- Yellow (92%)
- Blue (93%)



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



- Cyan (13%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.0673, 0.3082, 0.3406 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 82.0673, 0.3082, 0.3406 by changing the saturation by 10% instead.

82.0673, 0.3082,
0.3406

82.0673, 0.3082,
0.3406

501.8728, 0.3103,
0.3353

61.4210, 0.3077,
0.3418

136.2684, 0.3089,
0.3388

44.5650, 0.3072,
0.3433

170.5920, 0.3092,
0.3381

31.1150, 0.3064,
0.3451

210.2434, 0.3094,
0.3374

20.6864, 0.3055,
0.3475

255.6071, 0.3096,
0.3369

12.8950, 0.3042,
0.3508

307.0676, 0.3098,
0.3364

7.3563, 0.3024,
0.3554

365.0090, 0.3100,

3.6859, 0.2995,

0.3360

429.8160, 0.3101,
0.3356

0.3626

1.4994, 0.2945,
0.3751

0.2883, 0.1941,
0.6335

82.0673, 0.3082,
0.3406

82.0673, 0.3082,
0.3406

77.7854, 0.3019,
0.3586

86.9614, 0.3145,
0.3247

74.0811, 0.2959,
0.3787

89.6314, 0.3135,
0.3127

70.9320, 0.2904,
0.4007

68.3105, 0.2858,
0.4244

■ 66.1863, 0.2823,
0.4493

■ 64.5259, 0.2802,
0.4746

■ 63.2918, 0.2799,
0.4994

■ 62.4399, 0.2815,
0.5225

■ 61.9139, 0.2846,
0.5430

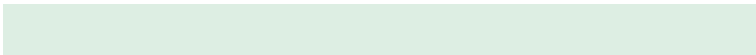
Harmonies

Analogous

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



82.0673, 0.3179, 0.3452



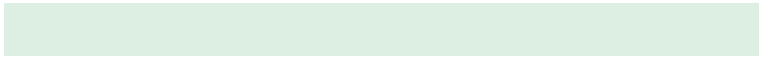
82.0673, 0.3082, 0.3406



82.0673, 0.2998, 0.3327

Triad

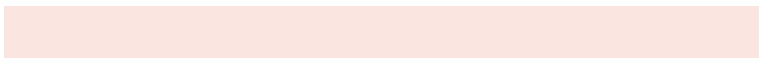
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0673, 0.3082, 0.3406



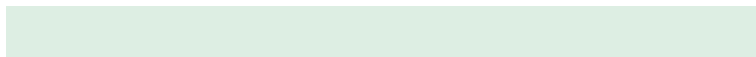
82.0673, 0.2991, 0.3129



82.0673, 0.3309, 0.3336

Complementary

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



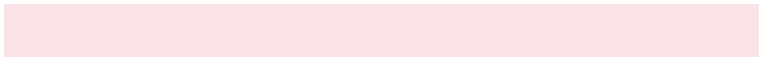
82.0673, 0.3082, 0.3406



75.7131, 0.3175, 0.3177

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.



82.0673, 0.3258, 0.3252



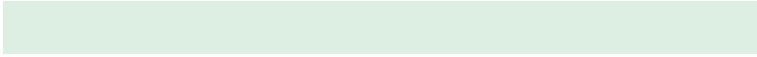
82.0673, 0.3082, 0.3406



82.0673, 0.3073, 0.3134

Square

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



82.0673, 0.3082, 0.3406



82.0673, 0.2946, 0.3167



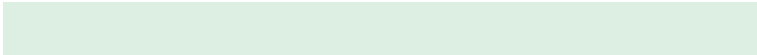
82.0673, 0.3171, 0.3178



82.0673, 0.3312, 0.3410

Rectangle

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



82.0673, 0.3082, 0.3406



82.0673, 0.2960, 0.3268



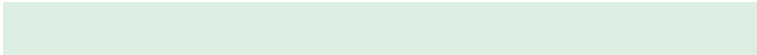
82.0673, 0.3171, 0.3178



82.0673, 0.3297, 0.3308

Sweetspot

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



82.0708, 0.3082, 0.3406



98.8354, 0.3114, 0.3322



83.5361, 0.3193, 0.3467



21.1670, 0.3115, 0.3320



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.



82.0708, 0.3082, 0.3406



94.9870, 0.3070, 0.3438



82.5474, 0.3032, 0.3317



17.7491, 0.3067, 0.3446



34.4985, 0.2848, 0.5454



2.8882, 0.2775, 0.5189

Inverse Universe

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



75.7131, 0.3175, 0.3177



85.7079, 0.3189, 0.3146



75.2460, 0.3232, 0.3264



15.9306, 0.3192, 0.3139



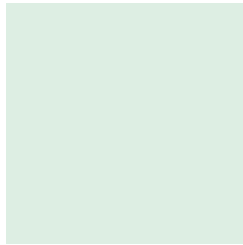
11.4597, 0.4358, 0.2174



0.9722, 0.4167, 0.2069

Previews

White Background



This preview shows how the Yxy color 82.0673, 0.3082, 0.3406 looks on a white background.

Color Contrast Check

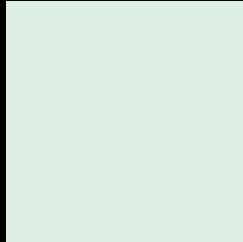
Large Text (above 18pt) WCAG AA × Fail

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 82.0673, 0.3082, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

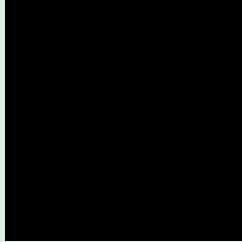
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

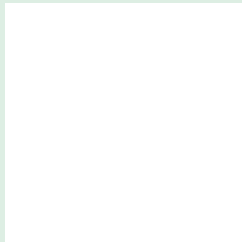
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0673, 0.3082, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 82.0673, 0.3082, 0.3406.

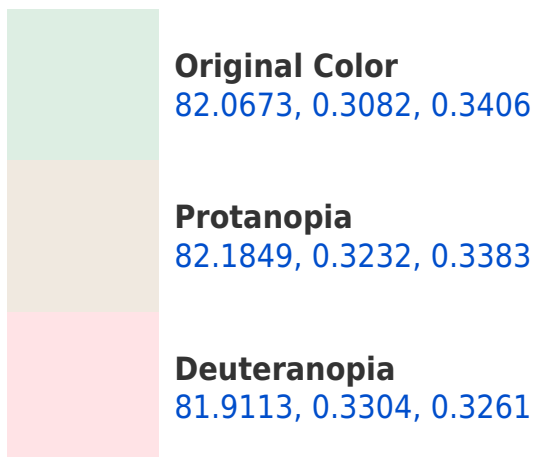


This preview shows how white text looks on a background with the Yxy color 82.0673, 0.3082, 0.3406.

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

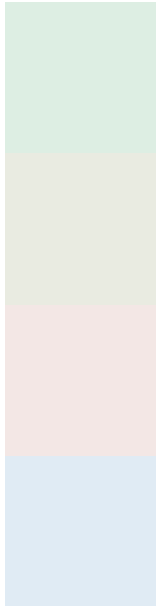




Tritanopia

81.9450, 0.2954, 0.3095

Trichromacy



Original Color

82.0673, 0.3082, 0.3406

Protanomaly

82.1765, 0.3176, 0.3394

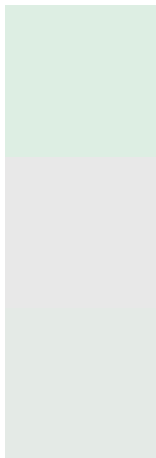
Deuteranomaly

81.8637, 0.3222, 0.3311

Tritanomaly

81.7956, 0.3000, 0.3196

Monochromacy



Original Color

82.0673, 0.3082, 0.3406

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.0528, 0.3112, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0673, 0.3082, 0.3406 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(221, 238, 227)` looks like.

```
.text, #text, p{  
    color:rgb(221, 238, 227)  
}
```

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(221, 238, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 238, 227) }
```

Border

The CSS property to change the border of an element to Yxy 82.0673, 0.3082, 0.3406 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(221, 238, 227) }
```

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

```
.border{ border-color:rgb(221, 238, 227) }
```

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

Here you see how a box with a 4 pixel rgb(221, 238, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 238, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 238, 227);  
box-shadow:4px 4px 4px 4px rgb(221, 238,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0673, 0.3082, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 238, 227) }
```

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

```
.background{ background-color: rgb(221,  
238, 227) }
```

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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