

Converting Colors

Yxy(81.9784, 0.2993, 0.3411)

Have a look what the booklet for
Yxy(81.9784, 0.2993, 0.3411)
contains.

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Color

Yxy(82.1230, 0.2993, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	D1F1E5
RGB	209, 241, 229
RGB Percent	82%, 95%, 90%
CMY	0.1804, 0.0549, 0.1020
CMYK	0.13, 0.00, 0.05, 0.05
HSL	157°, 53%, 88%
HSV	157°, 13%, 95%
XYZ	71.8907, 82.1230, 86.1823
YIQ	230.0640, -15.2200, -10.5160

Conversions

Conversions Part 2

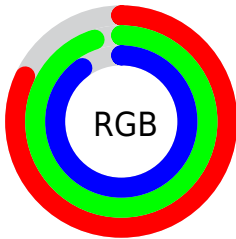
Format	Color
R _Y B	209, 229, 241
Decimal	13758949
CIE Lab	92.63, -12.67, 2.29
CIE LCh	93, 12.871, 169.766
Yxy	82.1230, 0.2993, 0.3419
Android (android.graphics.Color)	4291949029 (0xFFD1F1E5)
YUV	230.0640, -0.5246, -18.4731
Hunter-Lab	90.6217, -16.9832, 7.0498

Details

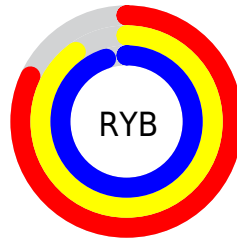
The Yxy color **82.1230, 0.2993, 0.3419** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.5237, 0.3283, 0.3165**, and the grayscale version is **79.1941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.6239, 0.2957, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **78.3806, 0.2897, 0.3528**, and if you desaturate by 10%, it is **86.4304, 0.3094, 0.3320**.

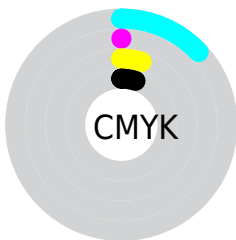
Distribution



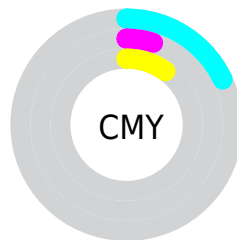
- Red (82%)
- Green (95%)
- Blue (90%)



- Red (82%)
- Yellow (90%)
- Blue (95%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (18%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.1230, 0.2993, 0.3419 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 82.1230, 0.2993, 0.3419 by changing the saturation by 10% instead.

82.1230, 0.2993,
0.3419

82.1230, 0.2993,
0.3419

502.0590, 0.3054,
0.3360

61.4669, 0.2979,
0.3432

136.3465, 0.3014,
0.3399

44.6021, 0.2962,
0.3449

170.6827, 0.3022,
0.3391

31.1441, 0.2941,
0.3469

210.3477, 0.3029,
0.3384

20.7086, 0.2914,
0.3496

255.7259, 0.3036,
0.3378

12.9112, 0.2877,
0.3532

307.2018, 0.3041,
0.3373

7.3674, 0.2825,
0.3584

365.1597, 0.3046,

3.6929, 0.2746,

0.3368

0.3663

429.9839, 0.3050,
0.3364

1.5033, 0.2610,
0.3801

0.2911, 0.0000,
0.6496

82.1230, 0.2993,
0.3419

82.1230, 0.2993,
0.3419

78.3806, 0.2897,
0.3528

86.4304, 0.3094,
0.3320

75.1686, 0.2808,
0.3648

90.8955, 0.3182,
0.3231

72.4644, 0.2730,
0.3777

91.3947, 0.3133,
0.3156

70.2399, 0.2665,
0.3915

■ 68.4638, 0.2617,
0.4058

■ 67.1014, 0.2588,
0.4205

■ 66.1122, 0.2580,
0.4352

■ 65.4474, 0.2592,
0.4497

■ 65.1336, 0.2609,
0.4592

Harmonies

Analogous

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



82.1230, 0.3138, 0.3519



82.1230, 0.2993, 0.3419



82.1230, 0.2885, 0.3284

Triad

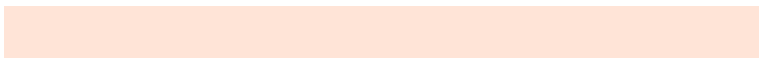
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1230, 0.2993, 0.3419



82.1230, 0.2969, 0.3038



82.1230, 0.3422, 0.3415

Complementary

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



82.1230, 0.2993, 0.3419



69.5237, 0.3283, 0.3165

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.



82.1230, 0.3375, 0.3289



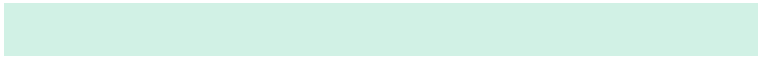
82.1230, 0.2993, 0.3419



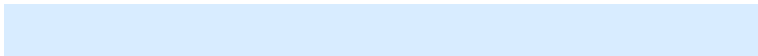
82.1230, 0.3111, 0.3075

Square

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



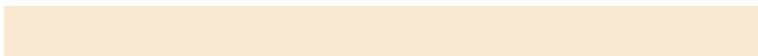
82.1230, 0.2993, 0.3419



82.1230, 0.2872, 0.3066



82.1230, 0.3260, 0.3166



82.1230, 0.3388, 0.3512

Rectangle

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



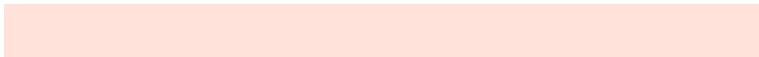
82.1230, 0.2993, 0.3419



82.1230, 0.2848, 0.3195



82.1230, 0.3260, 0.3166



82.1230, 0.3415, 0.3374

Sweetspot

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



82.1265, 0.2993, 0.3419



97.8723, 0.3086, 0.3327



82.9325, 0.3192, 0.3633



20.8656, 0.3078, 0.3334



0.0000, 0.0000, 0.0000



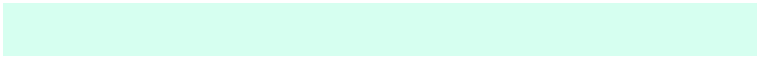
21.4041, 0.3127, 0.3290

Same Dimension

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



82.1265, 0.2993, 0.3419



92.1186, 0.2966, 0.3448



80.6328, 0.2923, 0.3250



17.8225, 0.3031, 0.3380



35.3452, 0.2603, 0.4569



2.9596, 0.2550, 0.4381

Inverse Universe

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



69.5237, 0.3283, 0.3165



75.1406, 0.3321, 0.3137



70.7597, 0.3366, 0.3330



15.8570, 0.3234, 0.3202



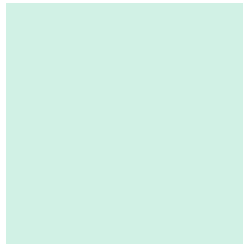
10.5698, 0.5476, 0.2790



0.8980, 0.5118, 0.2593

Previews

White Background



This preview shows how the Yxy color 82.1230, 0.2993, 0.3419 looks on a white background.

Color Contrast Check

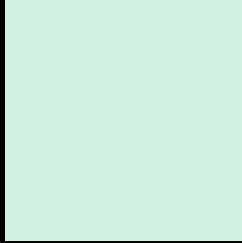
Large Text (above 18pt) WCAG AA × Fail

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 82.1230, 0.2993, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

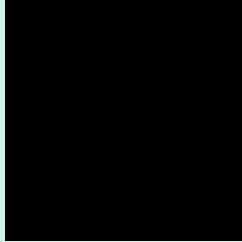
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

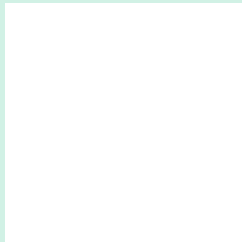
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.1230, 0.2993, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 82.1230, 0.2993, 0.3419.

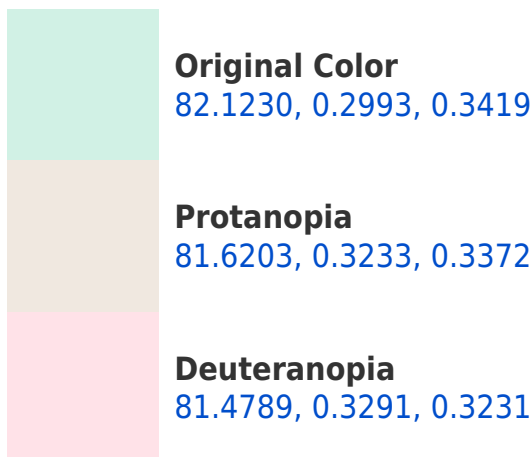


This preview shows how white text looks on a background with the Yxy color 82.1230, 0.2993, 0.3419.

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

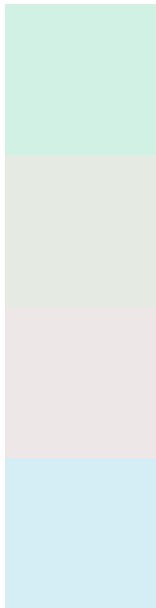




Tritanopia

82.2354, 0.2881, 0.3103

Trichromacy



Original Color

82.1230, 0.2993, 0.3419

Protanomaly

81.5657, 0.3143, 0.3384

Deuteranomaly

81.0985, 0.3175, 0.3290

Tritanomaly

81.9490, 0.2920, 0.3205

Monochromacy



Original Color

82.1230, 0.2993, 0.3419

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

80.0884, 0.3072, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1230, 0.2993, 0.3419 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(209, 241, 229)` looks like.

```
.text, #text, p{  
    color:rgb(209, 241, 229)  
}
```

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(209, 241, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 241, 229) }
```

Border

The CSS property to change the border of an element to Yxy 82.1230, 0.2993, 0.3419 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(209, 241, 229) }
```

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

```
.border{ border-color:rgb(209, 241, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 241, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 241, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 241, 229); box-shadow:4px 4px 4px 4px rgb(209, 241, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1230, 0.2993, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 241, 229) }
```

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

```
.background{ background-color: rgb(209,  
241, 229) }
```

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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