

Converting Colors

$Yxy(82.2230, 0.3152, 0.3514)$

Have a look what the booklet for
Yxy(82.2230, 0.3152, 0.3514)
contains.

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Color

Yxy(82.4829, 0.3150, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	DFEFDA
RGB	223, 239, 218
RGB Percent	87%, 94%, 85%
CMY	0.1254, 0.0628, 0.1451
CMYK	0.07, 0.00, 0.09, 0.06
HSL	106°, 40%, 90%
HSV	106°, 9%, 94%
XYZ	73.9599, 82.4829, 78.3505
YIQ	231.8220, -2.7950, -9.9230

Conversions

Conversions Part 2

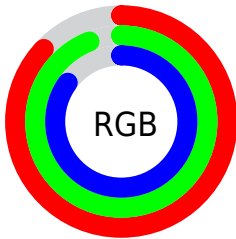
Format	Color
R _Y B	218, 239, 234
Decimal	14675930
CIE Lab	92.79, -9.02, 8.34
CIE LCh	93, 12.287, 137.232
Yxy	82.4829, 0.3150, 0.3513
Android (android.graphics.Color)	4292866010 (0xFFDFEFDA)
YUV	231.8220, -6.8142, -7.7369
Hunter-Lab	90.8201, -13.5726, 12.4246

Details

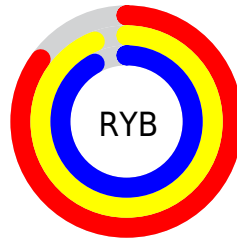
The Yxy color **82.4829, 0.3150, 0.3513** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.8603, 0.3102, 0.3072**, and the grayscale version is **80.6151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8361, 0.3157, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **78.5906, 0.3174, 0.3794**, and if you desaturate by 10%, it is **86.8725, 0.3124, 0.3261**.

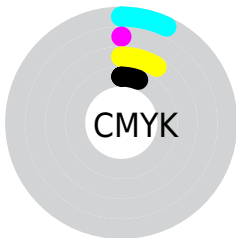
Distribution



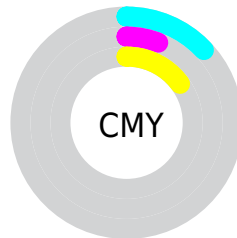
- Red (87%)
- Green (94%)
- Blue (85%)



- Red (85%)
- Yellow (94%)
- Blue (92%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)





- Cyan (13%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.4829, 0.3150, 0.3513 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 82.4829, 0.3150, 0.3513 by changing the saturation by 10% instead.

 82.4829, 0.3150,
0.3513

 82.4829, 0.3150,
0.3513


503.2615, 0.3140,
0.3411

 61.7637, 0.3152,
0.3536


136.8510, 0.3147,
0.3478

 44.8418, 0.3154,
0.3565


171.2686, 0.3146,
0.3464

 31.3328, 0.3157,
0.3601


211.0212, 0.3144,
0.3452

 20.8524, 0.3160,
0.3648

256.4930, 0.3143,
0.3442

 13.0162, 0.3165,
0.3712

308.0686, 0.3143,
0.3432

 7.4397, 0.3169,
0.3803

366.1323, 0.3142,

 3.7386, 0.3175,

0.3424

0.3945

431.0685, 0.3141,
0.3417

■ 1.5284, 0.3178,
0.4193

■ 0.3086, 0.1916,
0.8084

■ 82.4829, 0.3150,
0.3513

■ 82.4829, 0.3150,
0.3513

■ 78.5906, 0.3174,
0.3794

■ 86.8725, 0.3124,
0.3261

■ 75.1674, 0.3195,
0.4101

■ 90.2112, 0.3134,
0.3136

■ 72.1985, 0.3210,
0.4429

■ 69.6641, 0.3218,
0.4764

■ 67.5431, 0.3214,
0.5092

■ 65.8123, 0.3199,
0.5390

■ 64.4461, 0.3172,
0.5637

■ 63.4156, 0.3134,
0.5815

■ 62.6830, 0.3091,
0.5922

Harmonies

Analogous

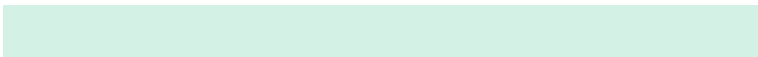
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4829, 0.3286, 0.3539



82.4829, 0.3150, 0.3513



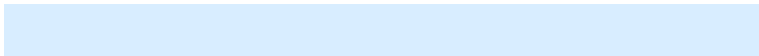
82.4829, 0.3010, 0.3423

Triad

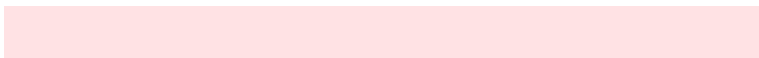
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4829, 0.3150, 0.3513



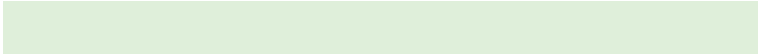
82.4829, 0.2878, 0.3081



82.4829, 0.3356, 0.3278

Complementary

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



82.4829, 0.3150, 0.3513



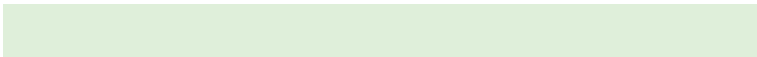
73.8603, 0.3102, 0.3072

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.



82.4829, 0.3242, 0.3163



82.4829, 0.3150, 0.3513



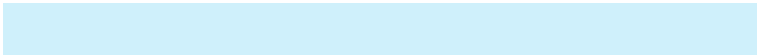
82.4829, 0.2967, 0.3050

Square

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



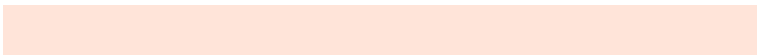
82.4829, 0.3150, 0.3513



82.4829, 0.2855, 0.3170



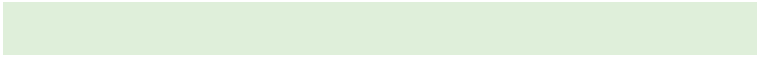
82.4829, 0.3099, 0.3080



82.4829, 0.3407, 0.3400

Rectangle

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



82.4829, 0.3150, 0.3513



82.4829, 0.2933, 0.3340



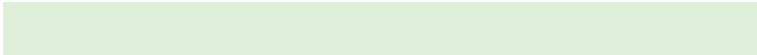
82.4829, 0.3099, 0.3080



82.4829, 0.3324, 0.3238

Sweetspot

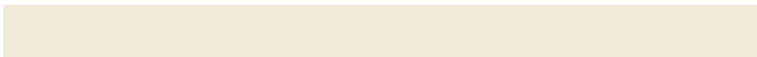
The Sweet Spot groups the original color and five complimentary colors.



82.4864, 0.3150, 0.3513



98.4306, 0.3135, 0.3364



82.1141, 0.3263, 0.3453



20.9803, 0.3137, 0.3384



0.0000, 0.0000, 0.0000



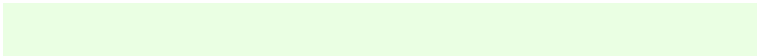
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4864, 0.3150, 0.3513



94.5008, 0.3156, 0.3574



81.9776, 0.3085, 0.3458



17.8393, 0.3152, 0.3532



34.6509, 0.3094, 0.5925



2.9271, 0.3184, 0.5854

Inverse Universe

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



73.8603, 0.3102, 0.3072



82.1375, 0.3094, 0.3015



74.4186, 0.3172, 0.3128



15.8294, 0.3100, 0.3055



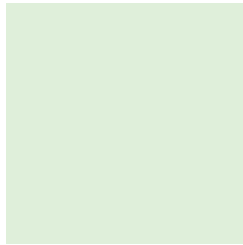
8.9829, 0.2609, 0.1211



0.7925, 0.2692, 0.1256

Previews

White Background



This preview shows how the Yxy color 82.4829, 0.3150, 0.3513 looks on a white background.

Color Contrast Check

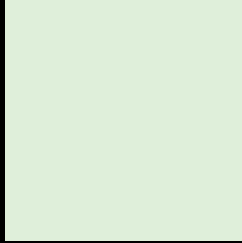
Large Text (above 18pt) WCAG AA × Fail

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 82.4829, 0.3150, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

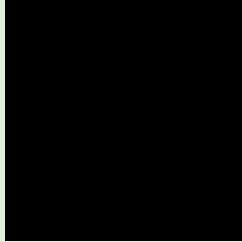
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

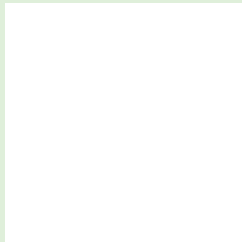
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4829, 0.3150, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 82.4829, 0.3150, 0.3513.

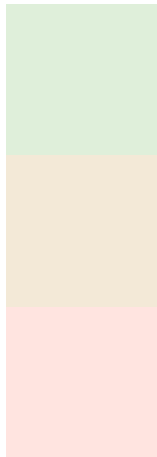


This preview shows how white text looks on a background with the Yxy color 82.4829, 0.3150, 0.3513.

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

82.4829, 0.3150, 0.3513

Protanopia

82.2388, 0.3312, 0.3475

Deuteranopia

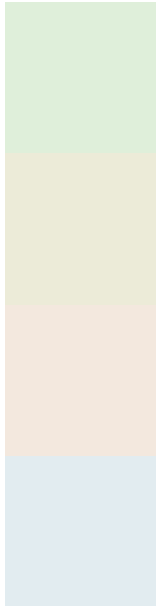
82.1286, 0.3343, 0.3331



Tritanopia

82.3679, 0.2979, 0.3106

Trichromacy



Original Color

82.4829, 0.3150, 0.3513

Protanomaly

82.2074, 0.3254, 0.3488

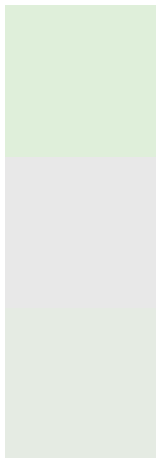
Deuteranomaly

82.0418, 0.3267, 0.3393

Tritanomaly

82.4509, 0.3037, 0.3248

Monochromacy



Original Color

82.4829, 0.3150, 0.3513

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.6207, 0.3137, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4829, 0.3150, 0.3513 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(223, 239, 218)` looks like.

```
.text, #text, p{  
    color:rgb(223, 239, 218)  
}
```

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(223, 239, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 239, 218) }
```

Border

The CSS property to change the border of an element to Yxy 82.4829, 0.3150, 0.3513 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(223, 239, 218) }
```

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

```
.border{ border-color:rgb(223, 239, 218) }
```

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

Here you see how a box with a 4 pixel rgb(223, 239, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 239, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 239, 218);  
box-shadow:4px 4px 4px 4px rgb(223, 239,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4829, 0.3150, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 239, 218) }
```

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

```
.background{ background-color: rgb(223,  
239, 218) }
```

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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