

Converting Colors

Yxy(82.9611, 0.3135, 0.3514)

Have a look what the booklet for
Yxy(82.9611, 0.3135, 0.3514)
contains.

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Color

Yxy(82.9642, 0.3136, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	DEF0DB
RGB	222, 240, 219
RGB Percent	87%, 94%, 86%
CMY	0.1296, 0.0588, 0.1411
CMYK	0.08, 0.00, 0.09, 0.06
HSL	112°, 41%, 90%
HSV	112°, 9%, 94%
XYZ	74.0608, 82.9642, 79.1384
YIQ	232.2240, -3.9870, -10.3470

Conversions

Conversions Part 2

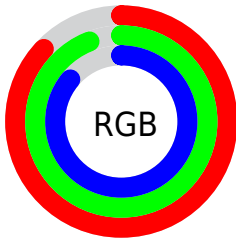
Format	Color
R_{YB}	219, 240, 237
Decimal	14610651
CIE Lab	93.00, -9.72, 8.11
CIE LCh	93, 12.659, 140.168
Yxy	82.9642, 0.3136, 0.3513
Android (android.graphics.Color)	4292800731 (0xFFDEF0DB)
YUV	232.2240, -6.5194, -8.9664
Hunter-Lab	91.0847, -14.2601, 12.2455

Details

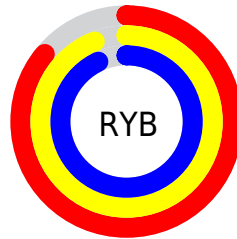
The Yxy color **82.9642, 0.3136, 0.3513** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **74.9826, 0.3117, 0.3074**, and the grayscale version is **80.9219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.1768, 0.3140, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **78.7311, 0.3144, 0.3798**, and if you desaturate by 10%, it is **87.7859, 0.3126, 0.3260**.

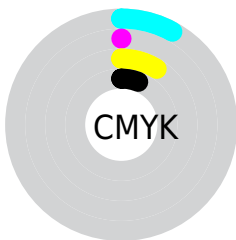
Distribution



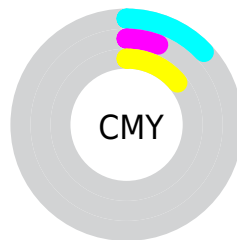
- Red (87%)
- Green (94%)
- Blue (86%)



- Red (86%)
- Yellow (94%)
- Blue (93%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)




- Cyan (13%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.9642, 0.3136, 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 82.9642, 0.3136, 0.3513 by changing the saturation by 10% instead.


 82.9642, 0.3136,
0.3513

 82.9642, 0.3136,
0.3513


504.8672, 0.3133,
0.3411

 62.1606, 0.3137,
0.3536

137.5253, 0.3135,
0.3478

 45.1625, 0.3137,
0.3565


172.0516, 0.3135,
0.3464

 31.5854, 0.3138,
0.3601

211.9210, 0.3134,
0.3452

 21.0450, 0.3138,
0.3648

257.5178, 0.3134,
0.3442

 13.1569, 0.3138,
0.3712

309.2264, 0.3134,
0.3432

 7.5367, 0.3138,
0.3803

367.4313, 0.3133,

 3.8000, 0.3135,

0.3424

0.3944

432.5167, 0.3133,
0.3417

■ 1.5623, 0.3125,
0.4191

■ 0.3320, 0.1907,
0.8093

■ 82.9642, 0.3136,
0.3513

■ 82.9642, 0.3136,
0.3513

■ 78.7311, 0.3144,
0.3798

■ 87.7859, 0.3126,
0.3260

■ 75.0537, 0.3150,
0.4112

■ 90.8104, 0.3134,
0.3146

■ 71.9122, 0.3151,
0.4449

■ 69.2812, 0.3146,
0.4796

■ 67.1334, 0.3135,
0.5135

■ 65.4391, 0.3117,
0.5443

■ 64.1650, 0.3093,
0.5693

■ 63.2729, 0.3064,
0.5868

■ 62.7144, 0.3035,
0.5965

Harmonies

Analogous

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



82.9642, 0.3278, 0.3547



82.9642, 0.3136, 0.3513



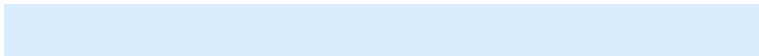
82.9642, 0.2994, 0.3415

Triad

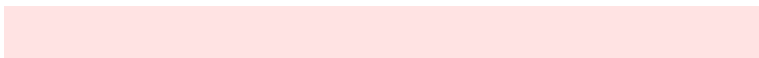
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9642, 0.3136, 0.3513



82.9642, 0.2877, 0.3070



82.9642, 0.3371, 0.3290

Complementary

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



82.9642, 0.3136, 0.3513



74.9826, 0.3117, 0.3074

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.



82.9642, 0.3259, 0.3170



82.9642, 0.3136, 0.3513



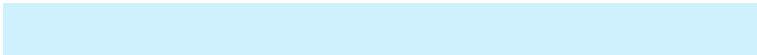
82.9642, 0.2974, 0.3043

Square

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



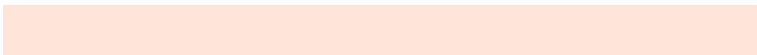
82.9642, 0.3136, 0.3513



82.9642, 0.2847, 0.3156



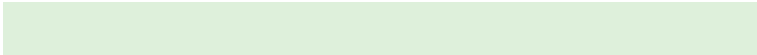
82.9642, 0.3113, 0.3080



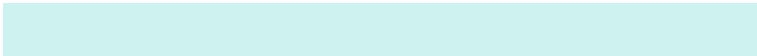
82.9642, 0.3416, 0.3414

Rectangle

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



82.9642, 0.3136, 0.3513



82.9642, 0.2918, 0.3328



82.9642, 0.3113, 0.3080



82.9642, 0.3340, 0.3248

Sweetspot

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



82.9678, 0.3136, 0.3513



98.2902, 0.3130, 0.3364



84.1351, 0.3261, 0.3474



20.9426, 0.3131, 0.3384



0.0000, 0.0000, 0.0000



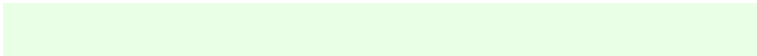
21.4041, 0.3127, 0.3290

Same Dimension

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



82.9678, 0.3136, 0.3513



94.5396, 0.3137, 0.3548



82.9042, 0.3072, 0.3435



17.7623, 0.3137, 0.3533



34.3302, 0.3039, 0.5969



2.8887, 0.3107, 0.5915

Inverse Universe

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



74.9826, 0.3117, 0.3074



84.1259, 0.3115, 0.3042



75.0642, 0.3186, 0.3150



15.9129, 0.3116, 0.3056



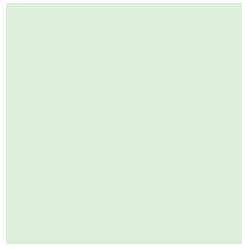
10.7065, 0.2859, 0.1348



0.9212, 0.2907, 0.1375

Previews

White Background



This preview shows how the Yxy color 82.9642, 0.3136, 0.3513 looks on a white background.

Color Contrast Check

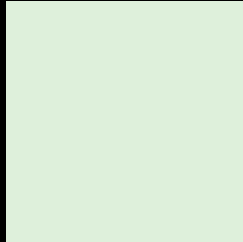
Large Text (above 18pt) WCAG AA × Fail

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 82.9642, 0.3136, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

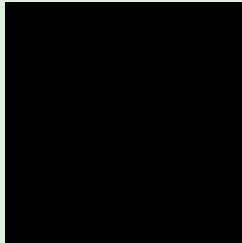
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

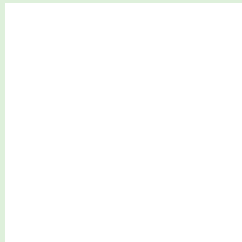
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.9642, 0.3136, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 82.9642, 0.3136, 0.3513.

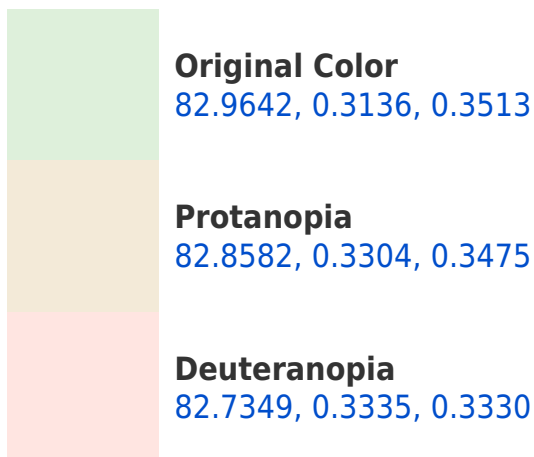


This preview shows how white text looks on a background with the Yxy color 82.9642, 0.3136, 0.3513.

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

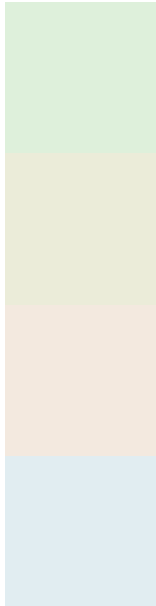




Tritanopia

82.9033, 0.2961, 0.3096

Trichromacy



Original Color

82.9642, 0.3136, 0.3513

Protanomaly

82.6628, 0.3240, 0.3488

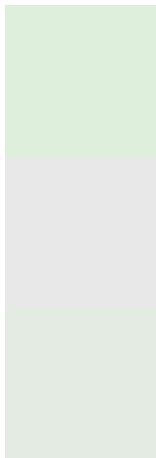
Deuteranomaly

82.6602, 0.3259, 0.3392

Tritanomaly

82.9268, 0.3024, 0.3248

Monochromacy



Original Color

82.9642, 0.3136, 0.3513

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.4567, 0.3130, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9642, 0.3136, 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(222, 240, 219)` looks like.

```
.text, #text, p{  
    color:rgb(222, 240, 219)  
}
```

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(222, 240, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 240, 219) }
```

Border

The CSS property to change the border of an element to Yxy 82.9642, 0.3136, 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(222, 240, 219) }
```

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

```
.border{ border-color:rgb(222, 240, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 240, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 240, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 240, 219);  
box-shadow:4px 4px 4px 4px rgb(222, 240,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9642, 0.3136, 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(222, 240, 219) }
```

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

```
.background{ background-color: rgb(222,  
240, 219) }
```

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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