

Converting Colors

Yxy(83.0446, 0.3121, 0.3541)

Have a look what the booklet for
Yxy(83.0446, 0.3121, 0.3541)
contains.

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Color

Yxy(83.0326, 0.3122, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	DBF1DA
RGB	219, 241, 218
RGB Percent	86%, 95%, 85%
CMY	0.1413, 0.0548, 0.1452
CMYK	0.09, 0.00, 0.10, 0.05
HSL	117°, 45%, 90%
HSV	117°, 10%, 95%
XYZ	73.3110, 83.0326, 78.4771
YIQ	231.8000, -5.7290, -11.8170

Conversions

Conversions Part 2

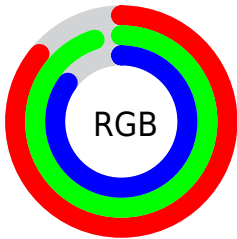
Format	Color
R _Y B	218, 241, 240
Decimal	14414298
CIE Lab	93.03, -11.41, 8.66
CIE LCh	93, 14.324, 142.790
Yxy	83.0326, 0.3122, 0.3536
Android (android.graphics.Color)	4292604378 (0xFFDBF1DA)
YUV	231.8000, -6.8034, -11.2256
Hunter-Lab	91.1222, -15.8544, 12.7233

Details

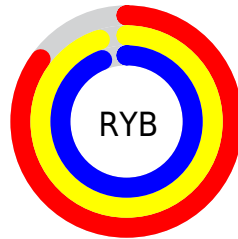
The Yxy color **83.0326, 0.3122, 0.3536** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.0168, 0.3131, 0.3055**, and the grayscale version is **80.5897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.2348, 0.3121, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **78.5307, 0.3115, 0.3827**, and if you desaturate by 10%, it is **88.2214, 0.3127, 0.3279**.

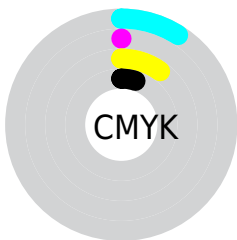
Distribution



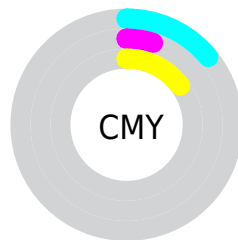
- Red (86%)
- Green (95%)
- Blue (85%)



- Red (85%)
- Yellow (95%)
- Blue (94%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)





- Cyan (14%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.0326, 0.3122, 0.3536 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 83.0326, 0.3122, 0.3536 by changing the saturation by 10% instead.


 83.0326, 0.3122,
0.3536

 83.0326, 0.3122,
0.3536


505.0952, 0.3125,
0.3423

 62.2170, 0.3121,
0.3562


137.6211, 0.3123,
0.3497

 45.2081, 0.3120,
0.3593


172.1629, 0.3124,
0.3482

 31.6214, 0.3118,
0.3633


212.0488, 0.3124,
0.3468

 21.0725, 0.3115,
0.3686

257.6633, 0.3124,
0.3457

 13.1770, 0.3111,
0.3756

309.3908, 0.3125,
0.3447

 7.5505, 0.3105,
0.3858

367.6157, 0.3125,

 3.8087, 0.3092,

0.3438

0.4016

432.7224, 0.3125,
0.3430

■ 1.5671, 0.3063,
0.4293

■ 0.3353, 0.1071,
0.8929

■ 83.0326, 0.3122,
0.3536

■ 83.0326, 0.3122,
0.3536

■ 78.5307, 0.3115,
0.3827

■ 88.2214, 0.3127,
0.3279

■ 74.6768, 0.3106,
0.4150

■ 91.4021, 0.3133,
0.3156

■ 71.4443, 0.3094,
0.4497

■ 68.8006, 0.3080,
0.4855

■ 66.7104, 0.3064,
0.5202

■ 65.1342, 0.3048,
0.5511

■ 64.0276, 0.3031,
0.5754

■ 63.3384, 0.3017,
0.5914

■ 62.9972, 0.3007,
0.5992

Harmonies

Analogous

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



83.0326, 0.3285, 0.3581



83.0326, 0.3122, 0.3536



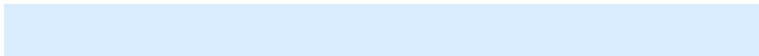
83.0326, 0.2964, 0.3419

Triad

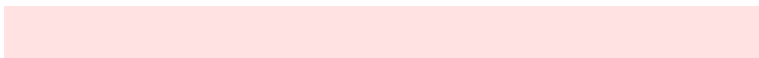
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0326, 0.3122, 0.3536



83.0326, 0.2852, 0.3035



83.0326, 0.3411, 0.3302

Complementary

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



83.0326, 0.3122, 0.3536



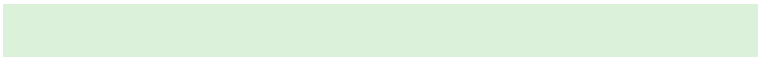
75.0168, 0.3131, 0.3055

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.



83.0326, 0.3289, 0.3165



83.0326, 0.3122, 0.3536



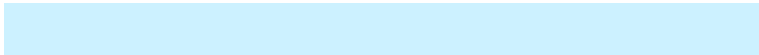
83.0326, 0.2966, 0.3013

Square

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



83.0326, 0.3122, 0.3536



83.0326, 0.2811, 0.3127



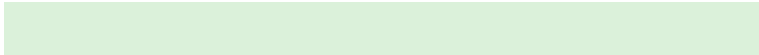
83.0326, 0.3126, 0.3060



83.0326, 0.3454, 0.3441

Rectangle

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



83.0326, 0.3122, 0.3536



83.0326, 0.2881, 0.3319



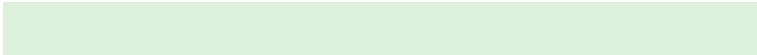
83.0326, 0.3126, 0.3060



83.0326, 0.3378, 0.3255

Sweetspot

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



83.0362, 0.3122, 0.3536



98.1540, 0.3126, 0.3364



86.0072, 0.3271, 0.3514



20.9060, 0.3125, 0.3384



0.0000, 0.0000, 0.0000



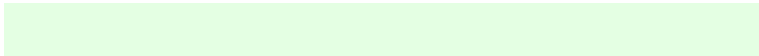
21.4041, 0.3127, 0.3290

Same Dimension

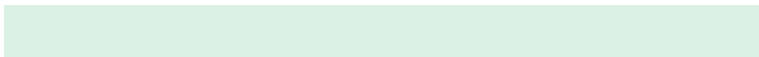
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0362, 0.3122, 0.3536



93.5800, 0.3121, 0.3577



83.4450, 0.3054, 0.3424



17.6883, 0.3122, 0.3534



34.1652, 0.3009, 0.5993



2.8534, 0.3033, 0.5974

Inverse Universe

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



75.0168, 0.3131, 0.3055



83.1660, 0.3132, 0.3018



74.5860, 0.3208, 0.3160



15.9953, 0.3131, 0.3057



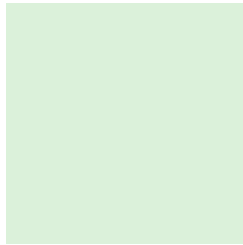
12.6528, 0.3104, 0.1483



1.0631, 0.3118, 0.1491

Previews

White Background



This preview shows how the Yxy color 83.0326, 0.3122, 0.3536 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 83.0326, 0.3122, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

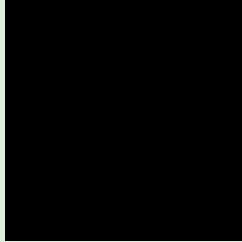
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

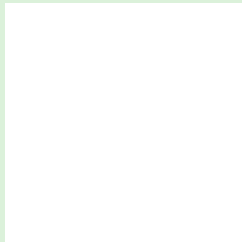
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.0326, 0.3122, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 83.0326, 0.3122, 0.3536.

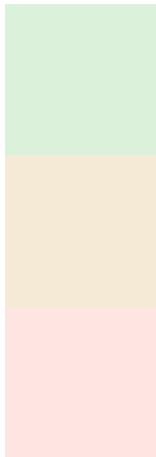


This preview shows how white text looks on a background with the Yxy color 83.0326, 0.3122, 0.3536.

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

83.0326, 0.3122, 0.3536

Protanopia

82.9338, 0.3324, 0.3495

Deuteranopia

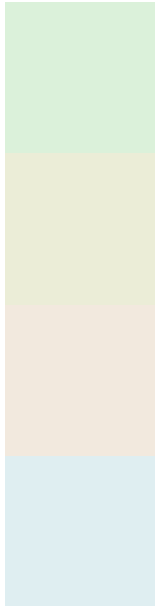
82.7349, 0.3335, 0.3330



Tritanopia

83.1542, 0.2948, 0.3106

Trichromacy



Original Color

83.0326, 0.3122, 0.3536

Protanomaly

83.1368, 0.3251, 0.3519

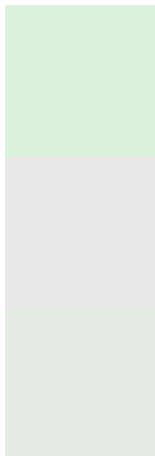
Deuteranomaly

82.4290, 0.3259, 0.3403

Tritanomaly

83.1879, 0.3012, 0.3259

Monochromacy



Original Color

83.0326, 0.3122, 0.3536

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.2936, 0.3123, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.0326, 0.3122, 0.3536 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(219, 241, 218)` looks like.

```
.text, #text, p{  
    color:rgb(219, 241, 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(219, 241, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 241, 218) }
```

Border

The CSS property to change the border of an element to Yxy 83.0326, 0.3122, 0.3536 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(219, 241, 218) }
```

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

```
.border{ border-color:rgb(219, 241, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 241, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 241, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 241, 218);  
box-shadow:4px 4px 4px 4px rgb(219, 241,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 83.0326, 0.3122, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 241, 218) }
```

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

```
.background{ background-color: rgb(219,  
241, 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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