

Converting Colors

$Yxy(81.1602, 0.3187, 0.3697)$

Have a look what the booklet for
Yxy(81.1602, 0.3187, 0.3697)
contains.

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Color

Yxy(81.0790, 0.3187, 0.3694)

Conversions

Conversions Part 1

Format	Color
Hex	D7F0CB
RGB	215, 240, 203
RGB Percent	84%, 94%, 80%
CMY	0.1571, 0.0587, 0.2039
CMYK	0.10, 0.00, 0.15, 0.06
HSL	101°, 55%, 87%
HSV	101°, 15%, 94%
XYZ	69.9509, 81.0790, 68.4584
YIQ	228.3070, -3.0230, -16.8070

Conversions

Conversions Part 2

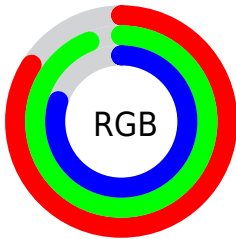
Format	Color
R _Y B	203, 240, 228
Decimal	14151883
CIE Lab	92.17, -14.81, 15.16
CIE LCh	92, 21.190, 134.333
Yxy	81.0790, 0.3187, 0.3694
Android (android.graphics.Color)	4292341963 (0xFFD7F0CB)
YUV	228.3070, -12.4764, -11.6702
Hunter-Lab	90.0439, -18.9084, 17.9538

Details

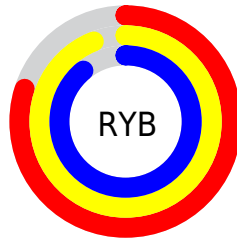
The Yxy color **81.0790, 0.3187, 0.3694** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.5073, 0.3057, 0.2898**, and the grayscale version is **77.9096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.9245, 0.3197, 0.3788** is the 20% darker color. If you saturate the color by 10%, you get **77.6863, 0.3223, 0.3988**, and if you desaturate by 10%, it is **84.9003, 0.3149, 0.3425**.

Distribution



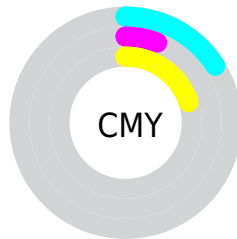
- Red (84%)
- Green (94%)
- Blue (80%)



- Red (80%)
- Yellow (94%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.0790, 0.3187, 0.3694 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 81.0790, 0.3187, 0.3694 by changing the saturation by 10% instead.

81.0790, 0.3187,
0.3694

81.0790, 0.3187,
0.3694

498.5617, 0.3162,
0.3506

60.6067, 0.3192,
0.3737

134.8817, 0.3179,
0.3629

43.9078, 0.3198,
0.3791

168.9808, 0.3176,
0.3603

30.5980, 0.3205,
0.3858

208.3910, 0.3173,
0.3581

20.2930, 0.3213,
0.3947

253.4967, 0.3170,
0.3562

12.6082, 0.3222,
0.4069

304.6822, 0.3168,
0.3546

7.1593, 0.3231,
0.4244

362.3319, 0.3166,

3.5619, 0.3237,

0.3531

426.8303, 0.3164,
0.3518

0.4519

1.4317, 0.3338,
0.5188

0.2399, 0.0000,
1.0000

81.0790, 0.3187,
0.3694

81.0790, 0.3187,
0.3694

77.6863, 0.3223,
0.3988

84.9003, 0.3149,
0.3425

74.6965, 0.3253,
0.4302

89.1543, 0.3109,
0.3183

72.0969, 0.3275,
0.4627

90.8122, 0.3134,
0.3146

69.8703, 0.3285,
0.4948

■ 67.9976, 0.3281,
0.5248

■ 66.4584, 0.3260,
0.5506

■ 65.2293, 0.3224,
0.5706

■ 64.2831, 0.3175,
0.5837

■ 63.9295, 0.3151,
0.5880

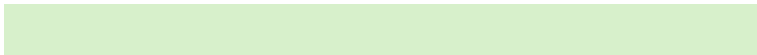
Harmonies

Analogous

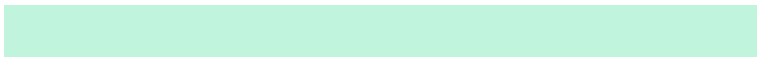
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0790, 0.3420, 0.3723



81.0790, 0.3187, 0.3694



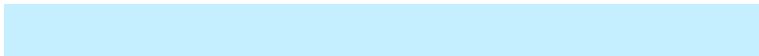
81.0790, 0.2944, 0.3543

Triad

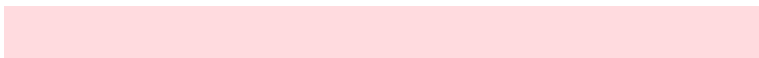
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0790, 0.3187, 0.3694



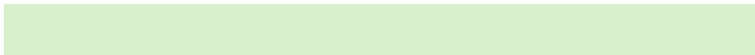
81.0790, 0.2692, 0.2939



81.0790, 0.3511, 0.3246

Complementary

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



81.0790, 0.3187, 0.3694



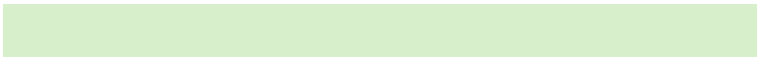
65.5073, 0.3057, 0.2898

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.



81.0790, 0.3302, 0.3055



81.0790, 0.3187, 0.3694



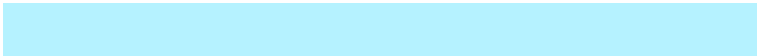
81.0790, 0.2831, 0.2880

Square

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



81.0790, 0.3187, 0.3694



81.0790, 0.2665, 0.3096



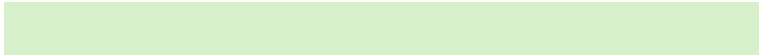
81.0790, 0.3052, 0.2924



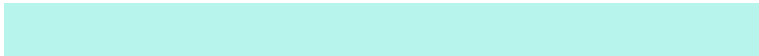
81.0790, 0.3613, 0.3453

Rectangle

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



81.0790, 0.3187, 0.3694



81.0790, 0.2809, 0.3397



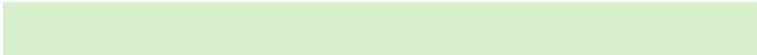
81.0790, 0.3052, 0.2924



81.0790, 0.3450, 0.3178

Sweetspot

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



81.0825, 0.3187, 0.3694



97.6048, 0.3147, 0.3414



78.1505, 0.3378, 0.3549



20.8216, 0.3150, 0.3432



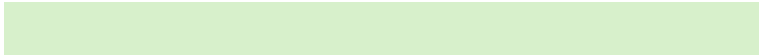
0.0000, 0.0000, 0.0000



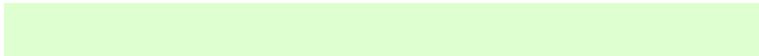
21.4041, 0.3127, 0.3290

Same Dimension

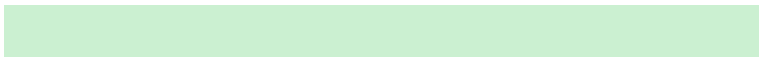
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0825, 0.3187, 0.3694



91.5622, 0.3200, 0.3798



79.6396, 0.3071, 0.3633



17.9040, 0.3164, 0.3531



35.0527, 0.3162, 0.5871



2.9677, 0.3261, 0.5793

Inverse Universe

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



65.5073, 0.3057, 0.2898



70.0418, 0.3037, 0.2800



67.1701, 0.3189, 0.2970



15.7609, 0.3086, 0.3054



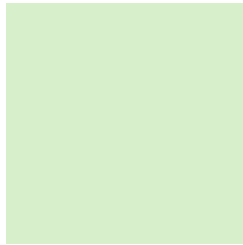
7.7546, 0.2409, 0.1101



0.6984, 0.2516, 0.1160

Previews

White Background



This preview shows how the Yxy color 81.0790, 0.3187, 0.3694 looks on a white background.

Color Contrast Check

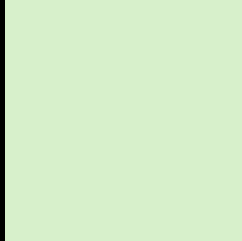
Large Text (above 18pt) WCAG AA × Fail

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 81.0790, 0.3187, 0.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

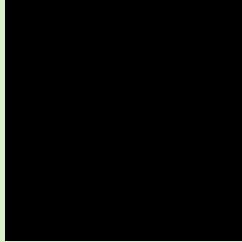
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

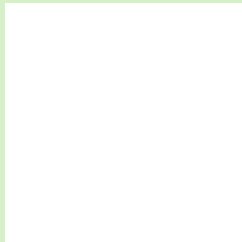
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0790, 0.3187, 0.3694

Background



This preview shows how black text looks on a background with the Yxy color 81.0790, 0.3187, 0.3694.

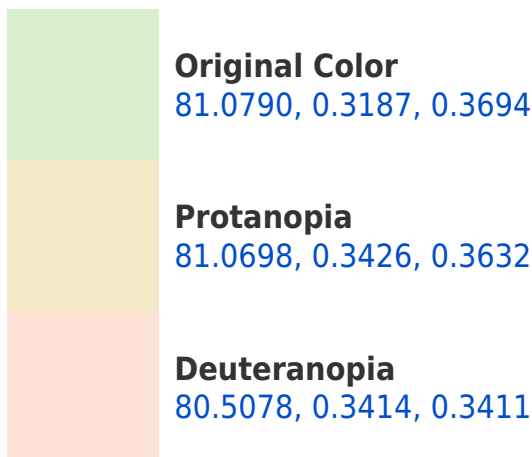


This preview shows how white text looks on a background with the Yxy color 81.0790, 0.3187, 0.3694.

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

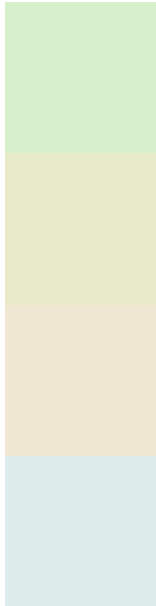




Tritanopia

80.9941, 0.2947, 0.3094

Trichromacy



Original Color

81.0790, 0.3187, 0.3694

Protanomaly

80.9104, 0.3336, 0.3661

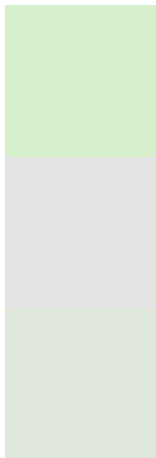
Deuteranomaly

80.3302, 0.3326, 0.3509

Tritanomaly

81.1471, 0.3034, 0.3311

Monochromacy



Original Color

81.0790, 0.3187, 0.3694

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.5157, 0.3148, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0790, 0.3187, 0.3694 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(215, 240, 203)` looks like.

```
.text, #text, p{  
    color:rgb(215, 240, 203)  
}
```

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(215, 240, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 240, 203) }
```

Border

The CSS property to change the border of an element to Yxy 81.0790, 0.3187, 0.3694 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(215, 240, 203) }
```

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

```
.border{ border-color:rgb(215, 240, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 240, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 240, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 240, 203);  
box-shadow:4px 4px 4px 4px rgb(215, 240,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0790, 0.3187, 0.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 240, 203) }
```

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

```
.background{ background-color: rgb(215,  
240, 203) }
```

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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