

Converting Colors

$Yxy(82.6719, 0.3191, 0.3665)$

Have a look what the booklet for
Yxy(82.6719, 0.3191, 0.3665)
contains.

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Color

Yxy(82.4757, 0.3189, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	DBF1CF
RGB	219, 241, 207
RGB Percent	86%, 95%, 81%
CMY	0.1410, 0.0549, 0.1881
CMYK	0.09, 0.00, 0.14, 0.05
HSL	99°, 55%, 88%
HSV	99°, 14%, 95%
XYZ	71.9406, 82.4757, 71.1736
YIQ	230.5460, -2.1980, -15.2380

Conversions

Conversions Part 2

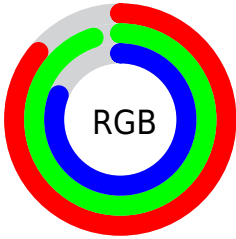
Format	Color
R_{YB}	207, 241, 229
Decimal	14414287
CIE _{Lab}	92.78, -13.23, 13.99
CIE _{LCh}	93, 19.252, 133.409
Yxy	82.4757, 0.3189, 0.3656
Android (android.graphics.Color)	4292604367 (0xFFDBF1CF)
YUV	230.5460, -11.6082, -10.1258
Hunter-Lab	90.8161, -17.5282, 17.1050

Details

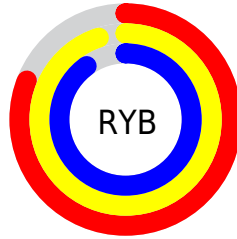
The Yxy color **82.4757, 0.3189, 0.3656** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.6438, 0.3056, 0.2932**, and the grayscale version is **79.6522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8903, 0.3199, 0.3738** is the 20% darker color. If you saturate the color by 10%, you get **79.0838, 0.3230, 0.3946**, and if you desaturate by 10%, it is **86.2808, 0.3145, 0.3391**.

Distribution



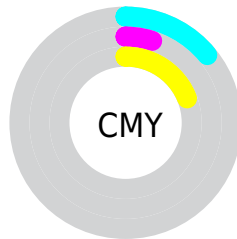
- Red (86%)
- Green (95%)
- Blue (81%)



- Red (81%)
- Yellow (95%)
- Blue (90%)



- Cyan (9%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)




- Cyan (14%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.4757, 0.3189, 0.3656 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 82.4757, 0.3189, 0.3656 by changing the saturation by 10% instead.

 82.4757, 0.3189,
0.3656

 82.4757, 0.3189,
0.3656


503.2375, 0.3163,
0.3487

 61.7577, 0.3194,
0.3695


136.8409, 0.3180,
0.3597

 44.8370, 0.3201,
0.3742


171.2569, 0.3177,
0.3574

 31.3290, 0.3208,
0.3803


211.0077, 0.3174,
0.3555

 20.8495, 0.3217,
0.3882


256.4777, 0.3171,
0.3538

 13.0141, 0.3228,
0.3989

308.0513, 0.3169,
0.3523

 7.4382, 0.3241,
0.4144

366.1128, 0.3167,

 3.7376, 0.3254,

0.3509

431.0468, 0.3165,
0.3497

0.4385

1.5279, 0.3312,
0.4887

0.3083, 0.0000,
1.0000

82.4757, 0.3189,
0.3656

82.4757, 0.3189,
0.3656

79.0838, 0.3230,
0.3946

86.2808, 0.3145,
0.3391

76.0802, 0.3266,
0.4255

90.4876, 0.3102,
0.3154

73.4532, 0.3294,
0.4575

91.3878, 0.3133,
0.3156

71.1866, 0.3310,
0.4893

■ 69.2626, 0.3311,
0.5193

■ 67.6620, 0.3295,
0.5454

■ 66.3631, 0.3261,
0.5660

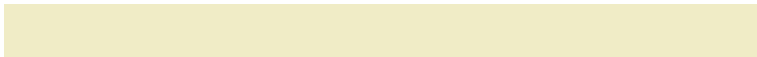
■ 65.3406, 0.3212,
0.5800

■ 64.8482, 0.3181,
0.5857

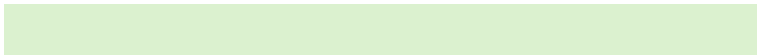
Harmonies

Analogous

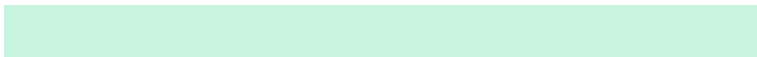
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4757, 0.3398, 0.3680



82.4757, 0.3189, 0.3656



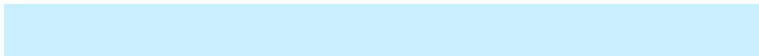
82.4757, 0.2969, 0.3523

Triad

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



82.4757, 0.3189, 0.3656



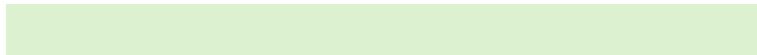
82.4757, 0.2730, 0.2976



82.4757, 0.3469, 0.3245

Complementary

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



82.4757, 0.3189, 0.3656



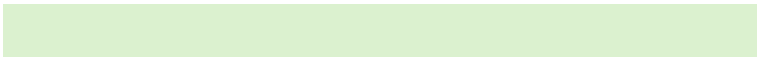
67.6438, 0.3056, 0.2932

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.



82.4757, 0.3279, 0.3073



82.4757, 0.3189, 0.3656



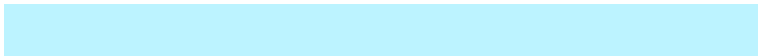
82.4757, 0.2854, 0.2918

Square

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



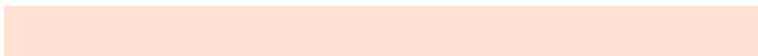
82.4757, 0.3189, 0.3656



82.4757, 0.2709, 0.3121



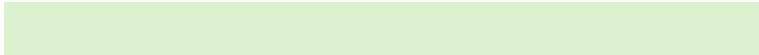
82.4757, 0.3053, 0.2955



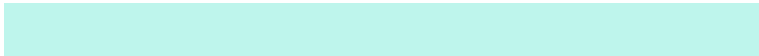
82.4757, 0.3564, 0.3434

Rectangle

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



82.4757, 0.3189, 0.3656



82.4757, 0.2844, 0.3393



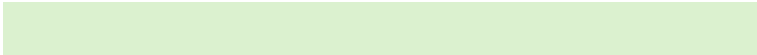
82.4757, 0.3053, 0.2955



82.4757, 0.3413, 0.3183

Sweetspot

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



82.4793, 0.3189, 0.3656



98.1311, 0.3145, 0.3389



78.9901, 0.3356, 0.3515



20.9307, 0.3148, 0.3408



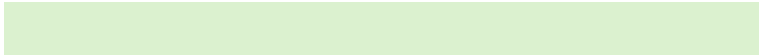
0.0000, 0.0000, 0.0000



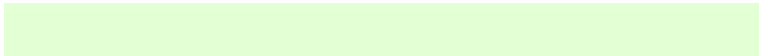
21.4041, 0.3127, 0.3290

Same Dimension

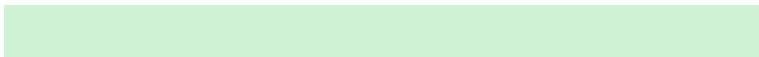
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4793, 0.3189, 0.3656



92.5826, 0.3202, 0.3739



80.9077, 0.3083, 0.3614



17.9282, 0.3169, 0.3530



35.2356, 0.3192, 0.5848



2.9850, 0.3293, 0.5768

Inverse Universe

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



67.6438, 0.3056, 0.2932



72.6006, 0.3039, 0.2853



69.4207, 0.3175, 0.2987



15.7356, 0.3081, 0.3053



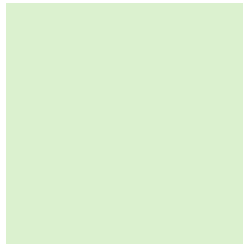
7.3443, 0.2337, 0.1061



0.6664, 0.2452, 0.1125

Previews

White Background



This preview shows how the Yxy color 82.4757, 0.3189, 0.3656 looks on a white background.

Color Contrast Check

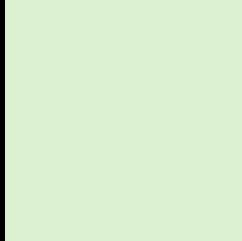
Large Text (above 18pt) WCAG AA × Fail

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 82.4757, 0.3189, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

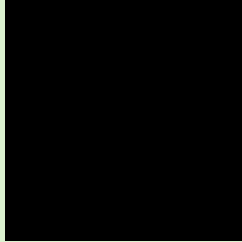
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

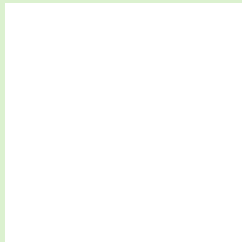
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4757, 0.3189, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 82.4757, 0.3189, 0.3656.

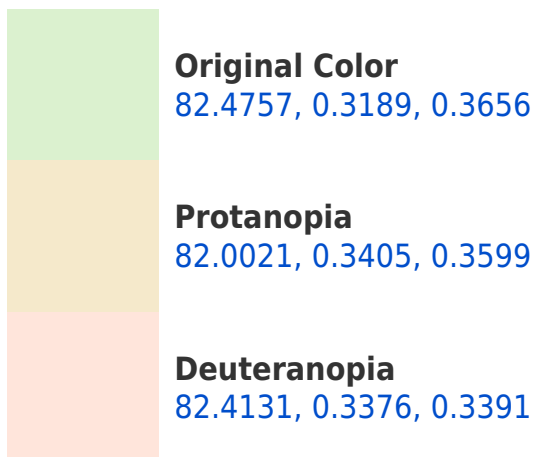


This preview shows how white text looks on a background with the Yxy color 82.4757, 0.3189, 0.3656.

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

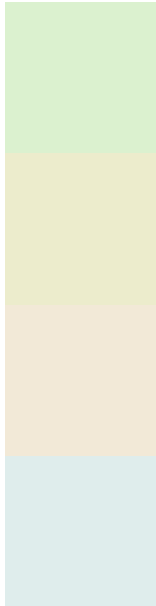




Tritanopia

82.1062, 0.2960, 0.3095

Trichromacy



Original Color

82.4757, 0.3189, 0.3656

Protanomaly

82.1834, 0.3330, 0.3626

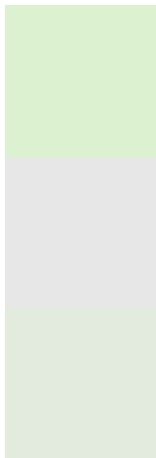
Deuteranomaly

82.0614, 0.3305, 0.3476

Tritanomaly

82.3125, 0.3041, 0.3300

Monochromacy



Original Color

82.4757, 0.3189, 0.3656

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

81.0215, 0.3154, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4757, 0.3189, 0.3656 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(219, 241, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 241, 207) }
```

Border

The CSS property to change the border of an element to Yxy 82.4757, 0.3189, 0.3656 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, 207) }
```

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

```
.border{ border-color:rgb(219, 241, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 241, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 241, 207);  
box-shadow:4px 4px 4px 4px rgb(219, 241,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4757, 0.3189, 0.3656 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, 207) }
```

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

```
.background{ background-color: rgb(219,  
241, 207) }
```

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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