

Converting Colors

$Yxy(81.8722, 0.3327, 0.3858)$

Have a look what the booklet for
Yxy(81.8722, 0.3327, 0.3858)
contains.

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Color

Yxy(82.0710, 0.3326, 0.3864)

Conversions

Conversions Part 1

Format	Color
Hex	DEF1BC
RGB	222, 241, 188
RGB Percent	87%, 95%, 74%
CMY	0.1296, 0.0548, 0.2628
CMYK	0.08, 0.00, 0.22, 0.05
HSL	82°, 65%, 84%
HSV	82°, 22%, 95%
XYZ	70.6439, 82.0710, 59.6841
YIQ	229.2770, 5.6890, -20.5110

Conversions

Conversions Part 2

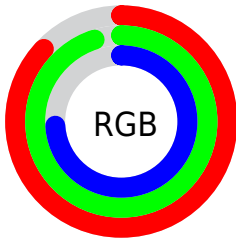
Format	Color
RYB	188, 241, 207
Decimal	14610876
CIELab	92.61, -15.22, 23.57
CIELCh	93, 28.057, 122.844
Yxy	82.0710, 0.3326, 0.3864
Android (android.graphics.Color)	4292800956 (0xFFDEF1BC)
YUV	229.2770, -20.3496, -6.3819
Hunter-Lab	90.5930, -19.3446, 24.3539

Details

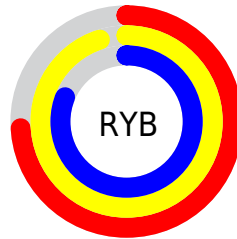
The Yxy color **82.0710, 0.3326, 0.3864** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.5840, 0.2893, 0.2698**, and the grayscale version is **78.7145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **44.6346, 0.3374, 0.4006** is the 20% darker color. If you saturate the color by 10%, you get **79.7876, 0.3412, 0.4146**, and if you desaturate by 10%, it is **84.6055, 0.3236, 0.3593**.

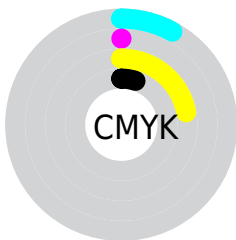
Distribution



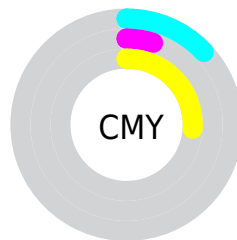
- Red (87%)
- Green (95%)
- Blue (74%)



- Red (74%)
- Yellow (95%)
- Blue (81%)



- Cyan (8%)
- Magenta (0%)
- Yellow (22%)
- Black (5%)





- Cyan (13%)
- Magenta (5%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.0710, 0.3326, 0.3864 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 82.0710, 0.3326, 0.3864 by changing the saturation by 10% instead.


 82.0710, 0.3326,
0.3864

 82.0710, 0.3326,
0.3864


501.8852, 0.3240,
0.3597

 61.4241, 0.3344,
0.3925

 136.2736, 0.3297,
0.3771

 44.5675, 0.3365,
0.4000

170.5980, 0.3286,
0.3735

 31.1169, 0.3391,
0.4095


210.2503, 0.3276,
0.3704

 20.6879, 0.3422,
0.4219

255.6150, 0.3267,
0.3677

 12.8960, 0.3460,
0.4387

307.0765, 0.3259,
0.3654

 7.3570, 0.3506,
0.4625

365.0190, 0.3252,

 3.6864, 0.3553,

0.3633

0.4985

429.8271, 0.3246,
0.3614

■ 1.4997, 0.3903,
0.6097

■ 0.2885, 0.0000,
1.0000

■ 82.0710, 0.3326,
0.3864

■ 82.0710, 0.3326,
0.3864

■ 79.7876, 0.3412,
0.4146

■ 84.6055, 0.3236,
0.3593

■ 77.7348, 0.3490,
0.4430

■ 87.3893, 0.3145,
0.3339

■ 75.9059, 0.3555,
0.4706

■ 90.0893, 0.3088,
0.3154

■ 74.2894, 0.3602,
0.4961

■ 91.4024, 0.3133,
0.3156

■ 72.8727, 0.3626,
0.5182

■ 71.6414, 0.3625,
0.5358

■ 70.5783, 0.3600,
0.5483

■ 69.8287, 0.3566,
0.5551

Harmonies

Analogous

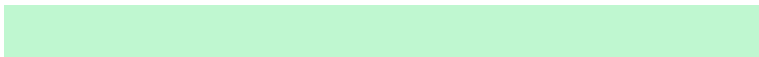
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0710, 0.3607, 0.3829



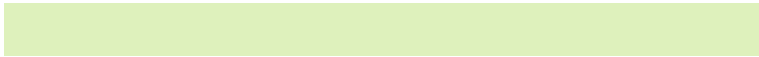
82.0710, 0.3326, 0.3864



82.0710, 0.3001, 0.3722

Triad

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



82.0710, 0.3326, 0.3864



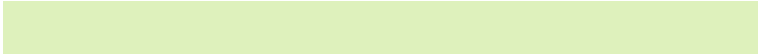
82.0710, 0.2528, 0.2891



82.0710, 0.3540, 0.3129

Complementary

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



82.0710, 0.3326, 0.3864



55.5840, 0.2893, 0.2698

Split Complementary

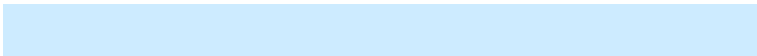
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0710, 0.3230, 0.2908



82.0710, 0.3326, 0.3864



82.0710, 0.2654, 0.2767

Square

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



82.0710, 0.3326, 0.3864



82.0710, 0.2551, 0.3134



82.0710, 0.2906, 0.2778



82.0710, 0.3739, 0.3395

Rectangle

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



82.0710, 0.3326, 0.3864



82.0710, 0.2804, 0.3546



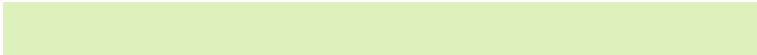
82.0710, 0.2906, 0.2778



82.0710, 0.3445, 0.3048

Sweetspot

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



82.0746, 0.3326, 0.3864



97.7063, 0.3190, 0.3464



66.7403, 0.3534, 0.3491



20.8723, 0.3196, 0.3480



0.0000, 0.0000, 0.0000



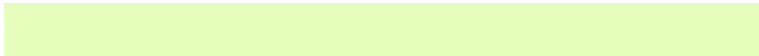
21.4041, 0.3127, 0.3290

Same Dimension

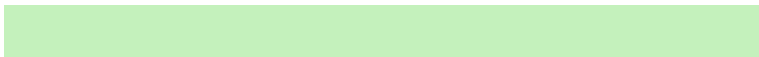
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0746, 0.3326, 0.3864



92.1973, 0.3362, 0.3978



78.2801, 0.3150, 0.3896



18.1584, 0.3213, 0.3527



37.9381, 0.3576, 0.5543



3.2119, 0.3657, 0.5478

Inverse Universe

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



55.5840, 0.2893, 0.2698



57.5631, 0.2842, 0.2576



59.6457, 0.3091, 0.2732



15.5053, 0.3036, 0.3050



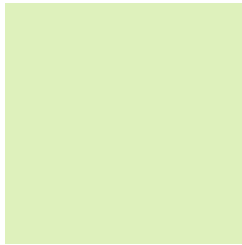
4.6024, 0.1783, 0.0756



0.4370, 0.1927, 0.0835

Previews

White Background



This preview shows how the Yxy color 82.0710, 0.3326, 0.3864 looks on a white background.

Color Contrast Check

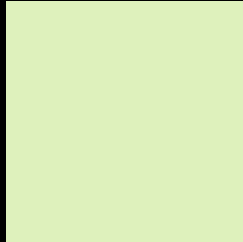
Large Text (above 18pt) WCAG AA × Fail

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 82.0710, 0.3326, 0.3864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

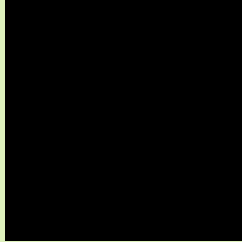
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

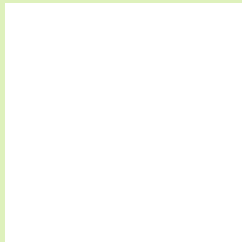
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0710, 0.3326, 0.3864

Background



This preview shows how black text looks on a background with the Yxy color 82.0710, 0.3326, 0.3864.

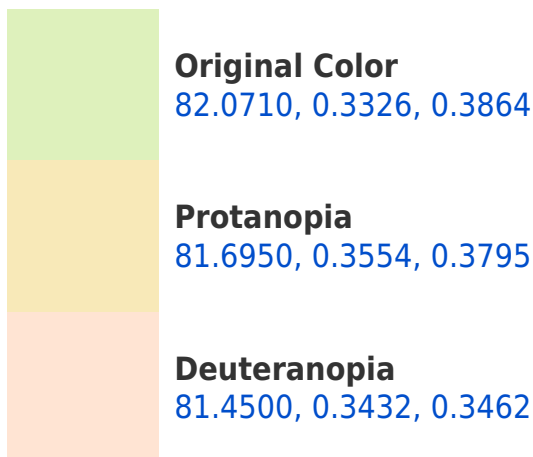


This preview shows how white text looks on a background with the Yxy color 82.0710, 0.3326, 0.3864.

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

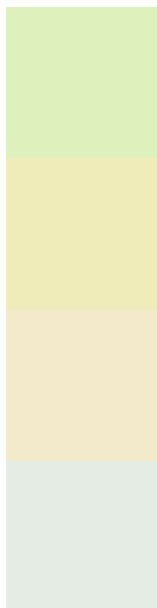




Tritanopia

82.2318, 0.3004, 0.3107

Trichromacy



Original Color

82.0710, 0.3326, 0.3864

Protanomaly

81.8444, 0.3475, 0.3825

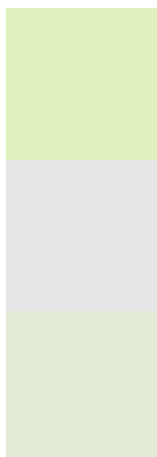
Deuteranomaly

81.6443, 0.3391, 0.3601

Tritanomaly

82.0863, 0.3123, 0.3374

Monochromacy



Original Color

82.0710, 0.3326, 0.3864

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.3016, 0.3199, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0710, 0.3326, 0.3864 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, 241, 188)` looks like.

```
.text, #text, p{  
    color:rgb(222, 241, 188)  
}
```

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, 241, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 241, 188) }
```

Border

The CSS property to change the border of an element to Yxy 82.0710, 0.3326, 0.3864 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, 241, 188) }
```

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

```
.border{ border-color:rgb(222, 241, 188) }
```

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

Here you see how a box with a 4 pixel rgb(222, 241, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 241, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 241, 188);  
box-shadow:4px 4px 4px 4px rgb(222, 241,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0710, 0.3326, 0.3864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 241, 188) }
```

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

```
.background{ background-color: rgb(222,  
241, 188) }
```

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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