

Converting Colors

$Yxy(81.7478, 0.3270, 0.3576)$

Have a look what the booklet for
Yxy(81.7478, 0.3270, 0.3576)
contains.

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Color

Yxy(81.7502, 0.3270, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	E8ECD1
RGB	232, 236, 209
RGB Percent	91%, 93%, 82%
CMY	0.0903, 0.0745, 0.1805
CMYK	0.02, 0.00, 0.11, 0.07
HSL	69°, 42%, 87%
HSV	69°, 11%, 93%
XYZ	74.7757, 81.7502, 72.1460
YIQ	231.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

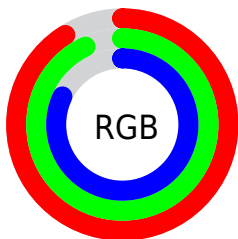
Format	Color
R_{YB}	209, 236, 213
Decimal	15264977
CIE Lab	92.46, -5.94, 12.65
CIE LCh	92, 13.974, 115.167
Yxy	81.7502, 0.3270, 0.3575
Android (android.graphics.Color)	4293455057 (0xFFE8ECD1)
YUV	231.7260, -11.2039, 0.2403
Hunter-Lab	90.4158, -10.6046, 15.9815

Details

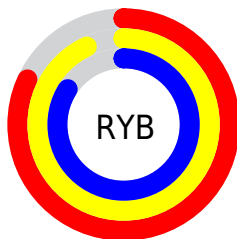
The Yxy color **81.7502, 0.3270, 0.3575** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.7964, 0.2975, 0.2993**, and the grayscale version is **80.5615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.2392, 0.3295, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **80.0868, 0.3397, 0.3835**, and if you desaturate by 10%, it is **83.6058, 0.3145, 0.3325**.

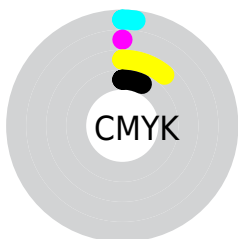
Distribution



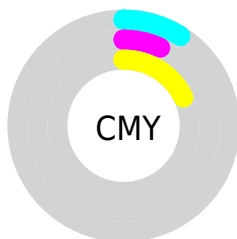
- Red (91%)
- Green (93%)
- Blue (82%)



- Red (82%)
- Yellow (93%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.7502, 0.3270, 0.3575 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 81.7502, 0.3270, 0.3575 by changing the saturation by 10% instead.

81.7502, 0.3270,
0.3575

81.7502, 0.3270,
0.3575

500.8117, 0.3206,
0.3444

61.1597, 0.3284,
0.3605

135.8236, 0.3248,
0.3530

44.3540, 0.3301,
0.3641

170.0753, 0.3240,
0.3512

30.9489, 0.3323,
0.3687

209.6495, 0.3232,
0.3497

20.5600, 0.3350,
0.3746

254.9306, 0.3226,
0.3484

12.8027, 0.3386,
0.3827

306.3030, 0.3220,
0.3472

7.2928, 0.3436,
0.3941

364.1510, 0.3215,

3.6459, 0.3507,

0.3462

0.4117

428.8591, 0.3210,
0.3453

■ 1.4775, 0.3660,
0.4470

■ 0.2728, 0.2952,
0.7048

■ 81.7502, 0.3270,
0.3575

■ 81.7502, 0.3270,
0.3575

■ 80.0868, 0.3397,
0.3835

■ 83.6058, 0.3145,
0.3325

■ 78.5971, 0.3521,
0.4097

■ 85.5735, 0.3032,
0.3101

■ 77.2765, 0.3637,
0.4355

■ 86.1925, 0.3054,
0.3102

■ 76.1161, 0.3741,
0.4597

■ 86.8234, 0.3077,
0.3104

■ 75.1061, 0.3827,
0.4812

■ 87.4665, 0.3100,
0.3105

■ 74.2356, 0.3889,
0.4991

■ 88.1217, 0.3123,
0.3107

■ 73.4921, 0.3926,
0.5127

■ 88.4788, 0.3136,
0.3107

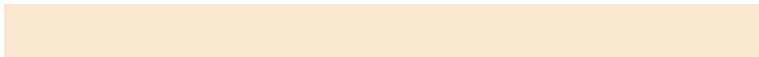
■ 72.8604, 0.3936,
0.5216

■ 72.3887, 0.3928,
0.5263

Harmonies

Analogous

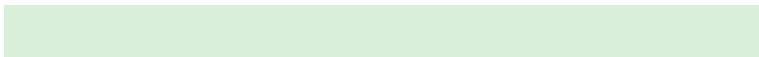
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7502, 0.3395, 0.3545



81.7502, 0.3270, 0.3575



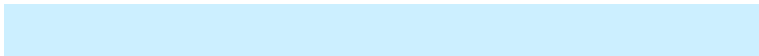
81.7502, 0.3109, 0.3524

Triad

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



81.7502, 0.3270, 0.3575



81.7502, 0.2817, 0.3121



81.7502, 0.3298, 0.3177

Complementary

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



81.7502, 0.3270, 0.3575



65.7964, 0.2975, 0.2993

Split Complementary

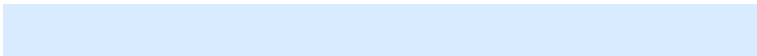
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.7502, 0.3139, 0.3071



81.7502, 0.3270, 0.3575



81.7502, 0.2864, 0.3036

Square

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



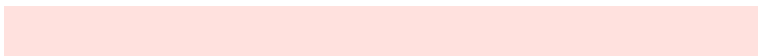
81.7502, 0.3270, 0.3575



81.7502, 0.2850, 0.3256



81.7502, 0.2980, 0.3019



81.7502, 0.3412, 0.3313

Rectangle

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



81.7502, 0.3270, 0.3575



81.7502, 0.3004, 0.3451



81.7502, 0.2980, 0.3019



81.7502, 0.3248, 0.3137

Sweetspot

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



81.7538, 0.3270, 0.3575



99.3012, 0.3164, 0.3363



69.8176, 0.3328, 0.3329



21.2153, 0.3174, 0.3383



0.0000, 0.0000, 0.0000



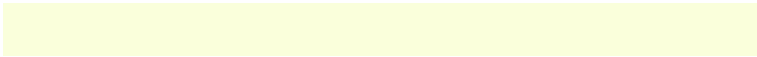
21.4041, 0.3127, 0.3290

Same Dimension

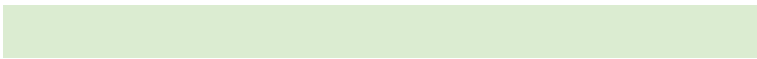
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7538, 0.3270, 0.3575



96.9140, 0.3303, 0.3642



79.6447, 0.3180, 0.3583



17.5065, 0.3245, 0.3524



39.9418, 0.3933, 0.5259



3.1673, 0.3971, 0.5229

Inverse Universe

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



65.7964, 0.2975, 0.2993



73.9873, 0.2936, 0.2920



67.8334, 0.3068, 0.3002



14.6568, 0.3003, 0.3048



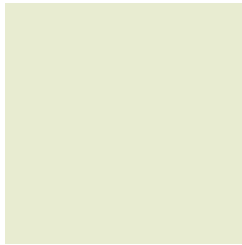
3.5714, 0.1562, 0.0634



0.3137, 0.1669, 0.0693

Previews

White Background



This preview shows how the Yxy color 81.7502, 0.3270, 0.3575 looks on a white background.

Color Contrast Check

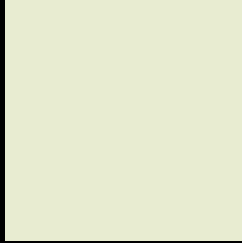
Large Text (above 18pt) WCAG AA × Fail

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 81.7502, 0.3270, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

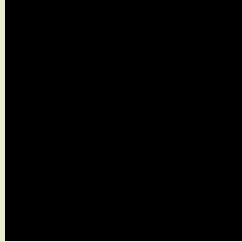
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

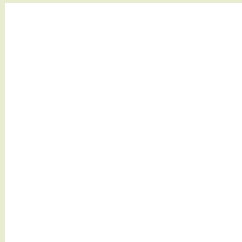
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.7502, 0.3270, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 81.7502, 0.3270, 0.3575.

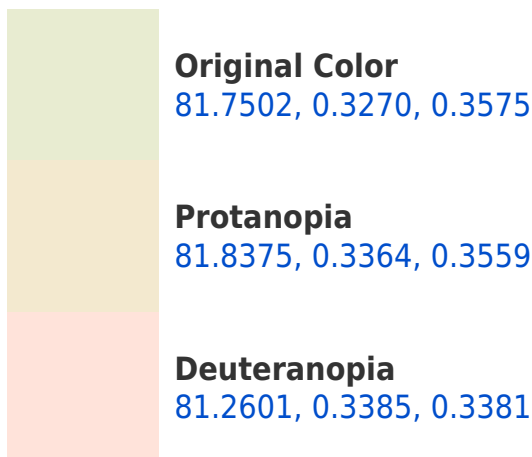


This preview shows how white text looks on a background with the Yxy color 81.7502, 0.3270, 0.3575.

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

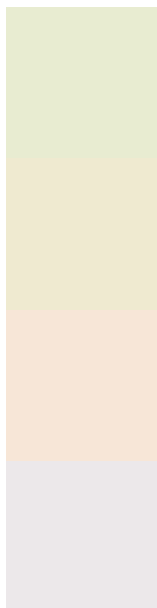




Tritanopia

81.5481, 0.3068, 0.3108

Trichromacy



Original Color

81.7502, 0.3270, 0.3575

Protanomaly

81.7504, 0.3328, 0.3561

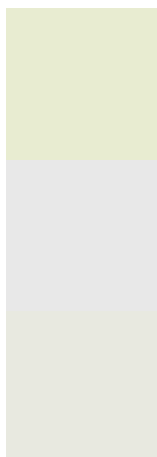
Deuteranomaly

81.2741, 0.3344, 0.3444

Tritanomaly

81.4866, 0.3142, 0.3270

Monochromacy



Original Color

81.7502, 0.3270, 0.3575

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.8155, 0.3177, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.7502, 0.3270, 0.3575 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(232, 236, 209)` looks like.

```
.text, #text, p{  
    color:rgb(232, 236, 209)  
}
```

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(232, 236, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 236, 209) }
```

Border

The CSS property to change the border of an element to Yxy 81.7502, 0.3270, 0.3575 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(232, 236, 209) }
```

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

```
.border{ border-color:rgb(232, 236, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 236, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 236, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 236, 209);  
box-shadow:4px 4px 4px 4px rgb(232, 236,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 81.7502, 0.3270, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 236, 209) }
```

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

```
.background{ background-color: rgb(232,  
236, 209) }
```

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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