

Converting Colors

$Yxy(81.0467, 0.3365, 0.3560)$

Have a look what the booklet for
Yxy(81.0467, 0.3365, 0.3560)
contains.

Yxy(81.0467, 0.3365, 0.3560)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(81.0467, 0.3365, 0.3560)

Conversions

Conversions Part 1

Format	Color
Hex	F2E8CE
RGB	242, 232, 206
RGB Percent	95%, 91%, 81%
CMY	0.0511, 0.0901, 0.1921
CMYK	0.00, 0.04, 0.15, 0.05
HSL	43°, 58%, 88%
HSV	43°, 15%, 95%
XYZ	76.6073, 81.0467, 70.0052
YIQ	232.0260, 14.3060, -5.9660

Conversions

Conversions Part 2

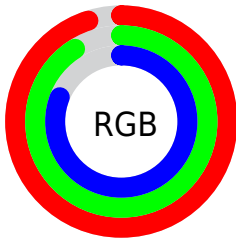
Format	Color
RYB	220, 242, 206
Decimal	15919310
CIELab	92.15, -0.86, 13.85
CIELCh	92, 13.878, 93.549
Yxy	81.0467, 0.3365, 0.3560
Android (android.graphics.Color)	4294109390 (0xFFFF2E8CE)
YUV	232.0260, -12.8308, 8.7472
Hunter-Lab	90.0259, -5.6513, 16.9136

Details

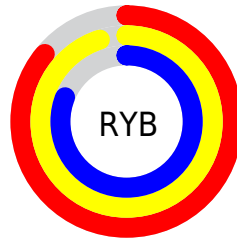
The Yxy color **81.0467, 0.3365, 0.3560** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.6250, 0.2891, 0.3005**, and the grayscale version is **80.8060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.7568, 0.3420, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **76.2644, 0.3542, 0.3750**, and if you desaturate by 10%, it is **86.1609, 0.3201, 0.3376**.

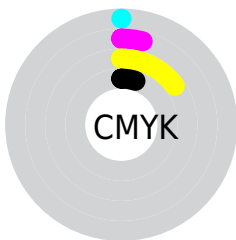
Distribution



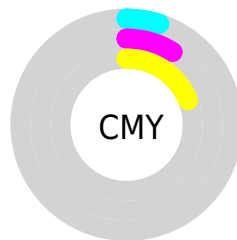
- Red (95%)
- Green (91%)
- Blue (81%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.0467, 0.3365, 0.3560 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 81.0467, 0.3365, 0.3560 by changing the saturation by 10% instead.

81.0467, 0.3365,
0.3560

81.0467, 0.3365,
0.3560

498.4533, 0.3257,
0.3437

60.5801, 0.3389,
0.3588

134.8363, 0.3328,
0.3518

43.8863, 0.3419,
0.3621

168.9281, 0.3314,
0.3501

30.5812, 0.3456,
0.3664

208.3304, 0.3301,
0.3487

20.2801, 0.3503,
0.3718

253.4276, 0.3290,
0.3475

12.5988, 0.3566,
0.3791

304.6041, 0.3280,
0.3464

7.1529, 0.3655,
0.3893

362.2443, 0.3272,

3.5579, 0.3786,

0.3454

0.4046

426.7326, 0.3264,
0.3445

■ 1.4295, 0.4085,
0.4390

■ 0.2383, 0.4631,
0.5369

■ 81.0467, 0.3365,
0.3560

■ 81.0467, 0.3365,
0.3560

■ 76.2644, 0.3542,
0.3750

■ 86.1609, 0.3201,
0.3376

■ 71.7933, 0.3731,
0.3940

■ 91.6055, 0.3052,
0.3202

■ 67.6267, 0.3926,
0.4123

■ 95.7782, 0.3048,
0.3262

■ 63.7531, 0.4122,
0.4289

■ 97.6113, 0.3047,
0.3290

■ 60.1602, 0.4311,
0.4428

■ 56.8342, 0.4483,
0.4529

■ 53.7594, 0.4630,
0.4583

■ 50.9168, 0.4746,
0.4587

■ 49.5318, 0.4796,
0.4574

Harmonies

Analogous

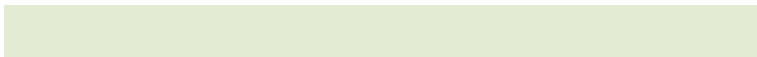
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0467, 0.3440, 0.3479



81.0467, 0.3365, 0.3560



81.0467, 0.3226, 0.3568

Triad

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



81.0467, 0.3365, 0.3560



81.0467, 0.2834, 0.3215



81.0467, 0.3185, 0.3097

Complementary

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



81.0467, 0.3365, 0.3560



68.6250, 0.2891, 0.3005

Split Complementary

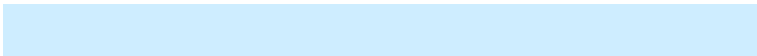
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0467, 0.3023, 0.3028



81.0467, 0.3365, 0.3560



81.0467, 0.2823, 0.3092

Square

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



81.0467, 0.3365, 0.3560



81.0467, 0.2921, 0.3365



81.0467, 0.2891, 0.3025



81.0467, 0.3335, 0.3214

Rectangle

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



81.0467, 0.3365, 0.3560



81.0467, 0.3118, 0.3528



81.0467, 0.2891, 0.3025



81.0467, 0.3130, 0.3067

Sweetspot

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



81.0503, 0.3365, 0.3560



97.5725, 0.3188, 0.3361



67.9880, 0.3329, 0.3183



20.7883, 0.3200, 0.3374



0.0000, 0.0000, 0.0000



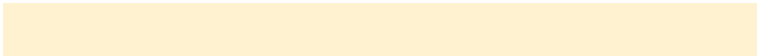
21.4041, 0.3127, 0.3290

Same Dimension

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



81.0503, 0.3365, 0.3560



89.5497, 0.3420, 0.3620



85.4632, 0.3297, 0.3665



17.6762, 0.3275, 0.3460



26.8582, 0.4784, 0.4584



2.4002, 0.4688, 0.4660

Inverse Universe

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



68.6250, 0.2891, 0.3005



72.9278, 0.2836, 0.2937



64.8238, 0.2941, 0.2899



15.9407, 0.2980, 0.3114



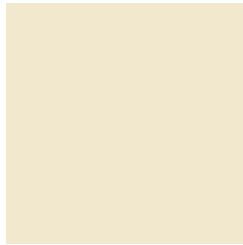
5.7952, 0.1596, 0.0945



0.6432, 0.1666, 0.1198

Previews

White Background



This preview shows how the Yxy color 81.0467, 0.3365, 0.3560 looks on a white background.

Color Contrast Check

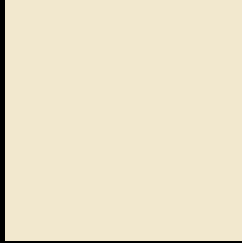
Large Text (above 18pt) WCAG AA × Fail

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 81.0467, 0.3365, 0.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

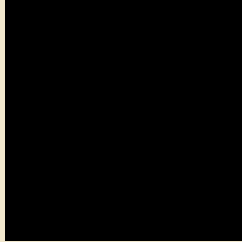
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

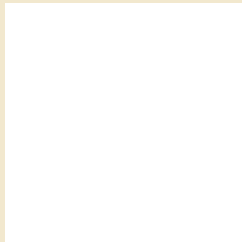
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0467, 0.3365, 0.3560

Background



This preview shows how black text looks on a background with the Yxy color 81.0467, 0.3365, 0.3560.

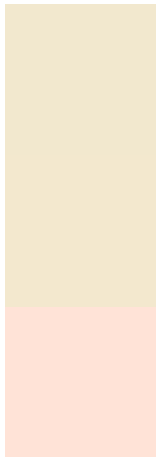


This preview shows how white text looks on a background with the Yxy color 81.0467, 0.3365, 0.3560.

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

81.0467, 0.3365, 0.3560

Protanopia

81.2241, 0.3372, 0.3559

Deuteranopia

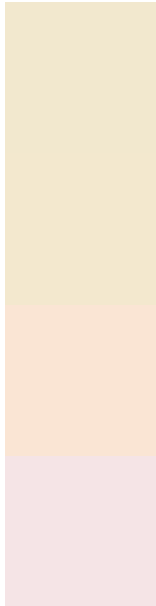
81.1045, 0.3406, 0.3411



Tritanopia

80.6985, 0.3156, 0.3111

Trichromacy



Original Color

81.0467, 0.3365, 0.3560

Protanomaly

81.2241, 0.3372, 0.3559

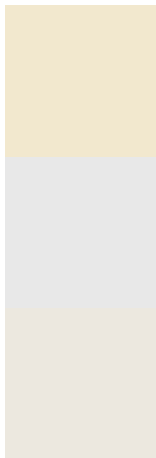
Deuteranomaly

81.1161, 0.3387, 0.3463

Tritanomaly

80.6125, 0.3232, 0.3270

Monochromacy



Original Color

81.0467, 0.3365, 0.3560

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.8738, 0.3212, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0467, 0.3365, 0.3560 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(242, 232, 206)` looks like.

```
.text, #text, p{  
    color:rgb(242, 232, 206)  
}
```

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(242, 232, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 232, 206) }
```

Border

The CSS property to change the border of an element to Yxy 81.0467, 0.3365, 0.3560 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(242, 232, 206) }
```

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

```
.border{ border-color:rgb(242, 232, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 232, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 232, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 232, 206);  
box-shadow:4px 4px 4px 4px rgb(242, 232,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0467, 0.3365, 0.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 232, 206) }
```

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

```
.background{ background-color: rgb(242,  
232, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor