

Converting Colors

$Yxy(81.2365, 0.3325, 0.3456)$

Have a look what the booklet for
Yxy(81.2365, 0.3325, 0.3456)
contains.

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Color

Yxy(81.2912, 0.3321, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	F4E7D7
RGB	244, 231, 215
RGB Percent	96%, 91%, 84%
CMY	0.0433, 0.0940, 0.1569
CMYK	0.00, 0.05, 0.12, 0.04
HSL	33°, 57%, 90%
HSV	33°, 12%, 96%
XYZ	78.1384, 81.2912, 75.8561
YIQ	233.0630, 12.8840, -2.2200

Conversions

Conversions Part 2

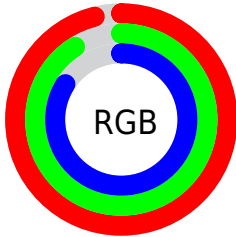
Format	Color
R_{YB}	239, 244, 215
Decimal	16050135
CIE _{Lab}	92.26, 1.75, 9.36
CIE _{LCh}	92, 9.520, 79.396
Y _{xy}	81.2912, 0.3321, 0.3455
Android (android.graphics.Color)	4294240215 (0xFFFF4E7D7)
YUV	233.0630, -8.9051, 9.5917
Hunter-Lab	90.1616, -3.0862, 13.2304

Details

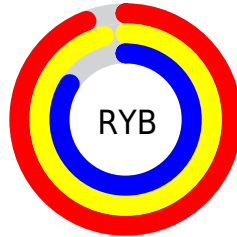
The Yxy color **81.2912, 0.3321, 0.3455** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4249, 0.2942, 0.3119**, and the grayscale version is **81.5946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.8894, 0.3372, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **74.2202, 0.3507, 0.3602**, and if you desaturate by 10%, it is **88.9363, 0.3156, 0.3315**.

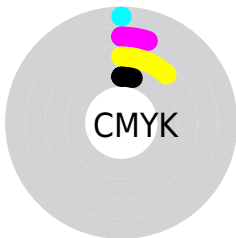
Distribution



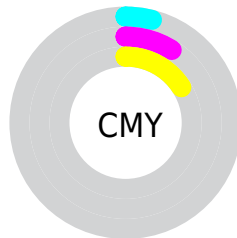
- Red (96%)
- Green (91%)
- Blue (84%)



- Red (94%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.2912, 0.3321, 0.3455 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 81.2912, 0.3321, 0.3455 by changing the saturation by 10% instead.

81.2912, 0.3321,
0.3455

81.2912, 0.3321,
0.3455

499.2737, 0.3233,
0.3380

60.7815, 0.3341,
0.3472

135.1796, 0.3291,
0.3429

44.0488, 0.3365,
0.3492

169.3270, 0.3279,
0.3419

30.7089, 0.3396,
0.3517

208.7891, 0.3269,
0.3411

20.3773, 0.3435,
0.3550

253.9503, 0.3260,
0.3403

12.6696, 0.3488,
0.3594

305.1949, 0.3252,
0.3397

7.2014, 0.3563,
0.3655

362.9075, 0.3245,

3.5884, 0.3676,

0.3391

0.3746

427.4722, 0.3238,
0.3385

■ 1.4461, 0.3873,
0.3904

■ 0.2503, 0.5286,
0.4714

■ 81.2912, 0.3321,
0.3455

■ 81.2912, 0.3321,
0.3455

■ 74.2202, 0.3507,
0.3602

■ 88.9363, 0.3156,
0.3315

■ 67.6973, 0.3716,
0.3751

■ 96.5803, 0.3060,
0.3269

■ 61.7104, 0.3944,
0.3899

■ 97.9660, 0.3059,
0.3290

■ 56.2424, 0.4190,
0.4036

■ 51.2753, 0.4444,
0.4151

■ 46.7896, 0.4696,
0.4231

■ 42.7636, 0.4931,
0.4266

■ 39.1726, 0.5134,
0.4246

■ 36.5483, 0.5274,
0.4194

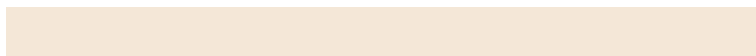
Harmonies

Analogous

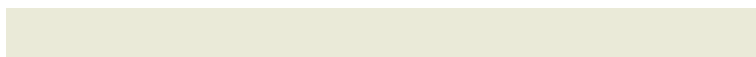
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2912, 0.3345, 0.3383



81.2912, 0.3321, 0.3455



81.2912, 0.3244, 0.3484

Triad

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



81.2912, 0.3321, 0.3455



81.2912, 0.2948, 0.3288



81.2912, 0.3114, 0.3129

Complementary

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



81.2912, 0.3321, 0.3455



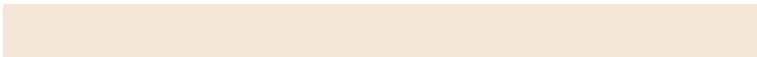
76.4249, 0.2942, 0.3119

Split Complementary

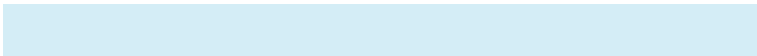
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2912, 0.3009, 0.3102



81.2912, 0.3321, 0.3455



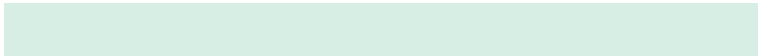
81.2912, 0.2914, 0.3191

Square

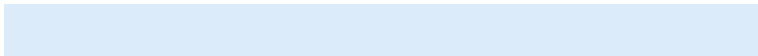
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2912, 0.3321, 0.3455



81.2912, 0.3029, 0.3387



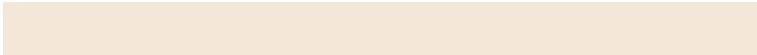
81.2912, 0.2936, 0.3124



81.2912, 0.3224, 0.3196

Rectangle

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



81.2912, 0.3321, 0.3455



81.2912, 0.3175, 0.3473



81.2912, 0.2936, 0.3124



81.2912, 0.3077, 0.3115

Sweetspot

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



81.2948, 0.3321, 0.3455



96.4876, 0.3189, 0.3344



73.4259, 0.3250, 0.3156



20.5134, 0.3201, 0.3355



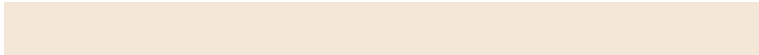
0.0000, 0.0000, 0.0000



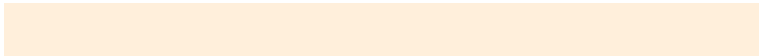
21.4041, 0.3127, 0.3290

Same Dimension

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



81.2948, 0.3321, 0.3455



88.1540, 0.3359, 0.3486



88.5512, 0.3295, 0.3585



18.0029, 0.3280, 0.3421



20.1573, 0.5252, 0.4212



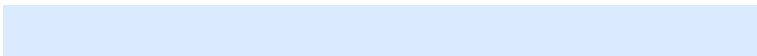
1.9766, 0.5083, 0.4346

Inverse Universe

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



76.4249, 0.2942, 0.3119



81.8852, 0.2907, 0.3086



69.7924, 0.2949, 0.2979



17.1455, 0.2980, 0.3156



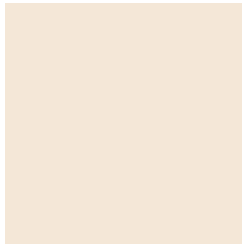
9.7619, 0.1723, 0.1404



1.0598, 0.1790, 0.1644

Previews

White Background



This preview shows how the Yxy color 81.2912, 0.3321, 0.3455 looks on a white background.

Color Contrast Check

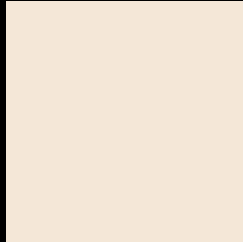
Large Text (above 18pt) WCAG AA × Fail

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 81.2912, 0.3321, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

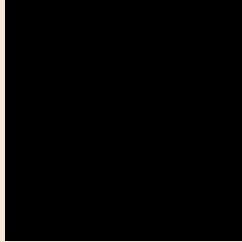
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

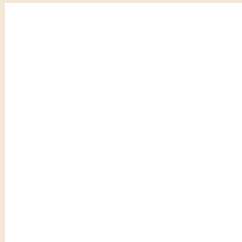
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.2912, 0.3321, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 81.2912, 0.3321, 0.3455.

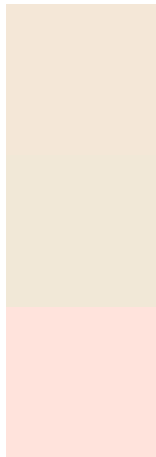


This preview shows how white text looks on a background with the Yxy color 81.2912, 0.3321, 0.3455.

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

81.2912, 0.3321, 0.3455

Protanopia

81.3203, 0.3299, 0.3466

Deuteranopia

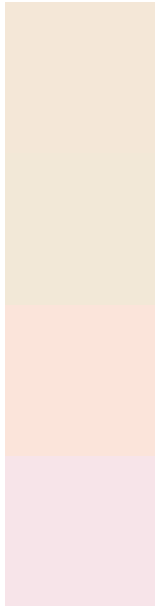
81.3655, 0.3372, 0.3361



Tritanopia

81.4263, 0.3163, 0.3121

Trichromacy



Original Color

81.2912, 0.3321, 0.3455

Protanomaly

81.4968, 0.3306, 0.3466

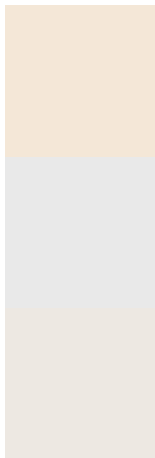
Deuteranomaly

81.0580, 0.3355, 0.3392

Tritanomaly

81.1442, 0.3227, 0.3240

Monochromacy



Original Color

81.2912, 0.3321, 0.3455

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.2087, 0.3199, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.2912, 0.3321, 0.3455 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(244, 231, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 231, 215)  
}
```

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(244, 231, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 231, 215) }
```

Border

The CSS property to change the border of an element to Yxy 81.2912, 0.3321, 0.3455 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(244, 231, 215) }
```

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

```
.border{ border-color:rgb(244, 231, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 231, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 231, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 231, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 231,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 81.2912, 0.3321, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 231, 215) }
```

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

```
.background{ background-color: rgb(244,  
231, 215) }
```

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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