

Converting Colors

$Yxy(81.7638, 0.3349, 0.3500)$

Have a look what the booklet for
Yxy(81.7638, 0.3349, 0.3500)
contains.

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Color

Yxy(81.8289, 0.3354, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	F5E8D3
RGB	245, 232, 211
RGB Percent	96%, 91%, 83%
CMY	0.0390, 0.0902, 0.1726
CMYK	0.00, 0.05, 0.14, 0.04
HSL	37°, 63%, 89%
HSV	37°, 14%, 96%
XYZ	78.2813, 81.8289, 73.2866
YIQ	233.4930, 14.4890, -3.7750

Conversions

Conversions Part 2

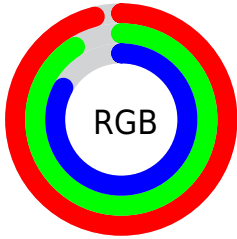
Format	Color
R _Y B	232, 245, 211
Decimal	16115923
CIE Lab	92.50, 1.01, 11.79
CIE LCh	92, 11.837, 85.102
Yxy	81.8289, 0.3354, 0.3506
Android (android.graphics.Color)	4294306003 (0xFFFF5E8D3)
YUV	233.4930, -11.0890, 10.0916
Hunter-Lab	90.4593, -3.8343, 15.2871

Details

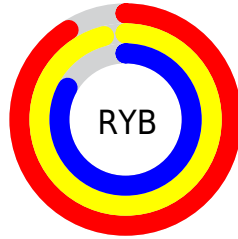
The Yxy color **81.8289, 0.3354, 0.3506** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.7760, 0.2908, 0.3064**, and the grayscale version is **81.9592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.2698, 0.3414, 0.3555** is the 20% darker color. If you saturate the color by 10%, you get **75.5487, 0.3539, 0.3670**, and if you desaturate by 10%, it is **88.5863, 0.3187, 0.3349**.

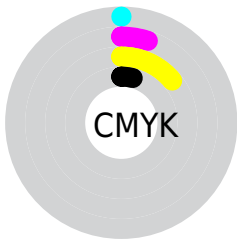
Distribution



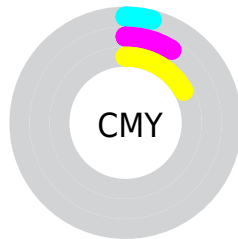
- Red (96%)
- Green (91%)
- Blue (83%)



- Red (91%)
- Yellow (96%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.8289, 0.3354, 0.3506 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 81.8289, 0.3354, 0.3506 by changing the saturation by 10% instead.

 81.8289, 0.3354,
0.3506

 81.8289, 0.3354,
0.3506


501.0752, 0.3251,
0.3408

 61.2245, 0.3377,
0.3528


135.9340, 0.3319,
0.3473

 44.4064, 0.3405,
0.3554

170.2036, 0.3305,
0.3459

 30.9901, 0.3441,
0.3588


209.7969, 0.3293,
0.3448

 20.5913, 0.3486,
0.3631

255.0986, 0.3282,
0.3438

 12.8256, 0.3547,
0.3688

306.4928, 0.3273,
0.3429

 7.3086, 0.3633,
0.3767

364.3640, 0.3265,

 3.6558, 0.3761,

0.3422

0.3886

429.0967, 0.3258,
0.3415

■ 1.4830, 0.4002,
0.4108

■ 0.2767, 0.5097,
0.4903

■ 81.8289, 0.3354,
0.3506

■ 81.8289, 0.3354,
0.3506

■ 75.5487, 0.3539,
0.3670

■ 88.5863, 0.3187,
0.3349

■ 69.7220, 0.3742,
0.3835

■ 95.4962, 0.3067,
0.3249

■ 64.3389, 0.3961,
0.3996

■ 98.1611, 0.3066,
0.3290

■ 59.3848, 0.4189,
0.4143

■ 54.8442, 0.4418,
0.4265

■ 50.6999, 0.4638,
0.4351

■ 46.9327, 0.4837,
0.4388

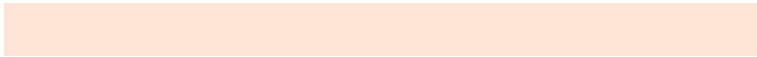
■ 43.5200, 0.5002,
0.4372

■ 41.5944, 0.5089,
0.4341

Harmonies

Analogous

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



81.8289, 0.3398, 0.3424



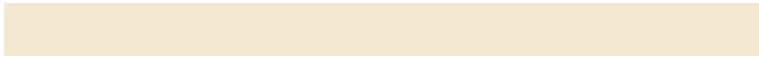
81.8289, 0.3354, 0.3506



81.8289, 0.3249, 0.3531

Triad

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



81.8289, 0.3354, 0.3506



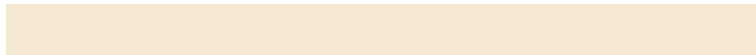
81.8289, 0.2892, 0.3262



81.8289, 0.3137, 0.3103

Complementary

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



81.8289, 0.3354, 0.3506



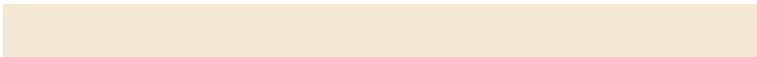
73.7760, 0.2908, 0.3064

Split Complementary

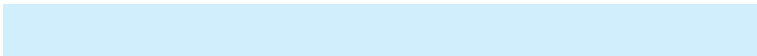
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8289, 0.3003, 0.3060



81.8289, 0.3354, 0.3506



81.8289, 0.2864, 0.3148

Square

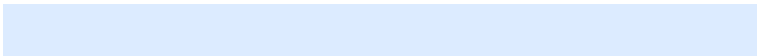
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.8289, 0.3354, 0.3506



81.8289, 0.2983, 0.3388



81.8289, 0.2904, 0.3075



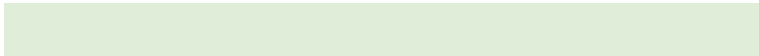
81.8289, 0.3271, 0.3194

Rectangle

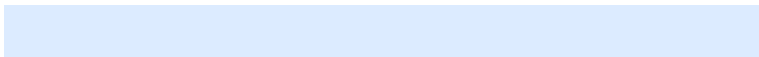
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.8289, 0.3354, 0.3506



81.8289, 0.3159, 0.3509



81.8289, 0.2904, 0.3075



81.8289, 0.3091, 0.3083

Sweetspot

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



81.8325, 0.3354, 0.3506



96.8913, 0.3189, 0.3351



71.3870, 0.3290, 0.3156



20.6156, 0.3201, 0.3362



0.0000, 0.0000, 0.0000



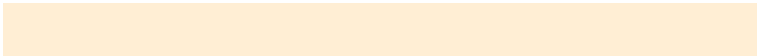
21.4041, 0.3127, 0.3290

Same Dimension

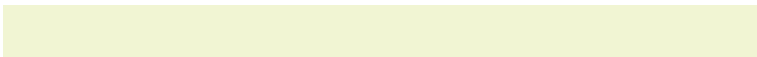
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.8325, 0.3354, 0.3506



87.3691, 0.3410, 0.3557



88.7499, 0.3309, 0.3638



18.1845, 0.3278, 0.3436



22.6742, 0.5071, 0.4356



2.1912, 0.4931, 0.4467

Inverse Universe

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



73.7760, 0.2908, 0.3064



76.7980, 0.2856, 0.3008



67.6183, 0.2931, 0.2923



16.9680, 0.2980, 0.3140



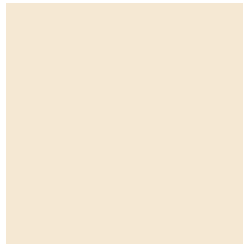
8.1025, 0.1671, 0.1213



0.9045, 0.1739, 0.1461

Previews

White Background



This preview shows how the Yxy color 81.8289, 0.3354, 0.3506 looks on a white background.

Color Contrast Check

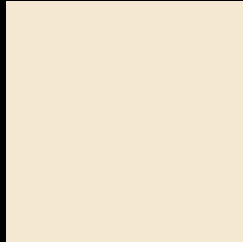
Large Text (above 18pt) WCAG AA × Fail

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 81.8289, 0.3354, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

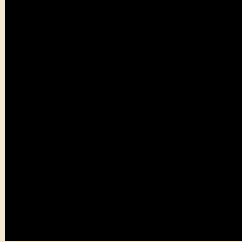
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

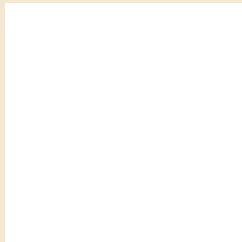
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.8289, 0.3354, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 81.8289, 0.3354, 0.3506.

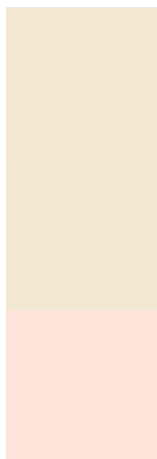


This preview shows how white text looks on a background with the Yxy color 81.8289, 0.3354, 0.3506.

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

81.8289, 0.3354, 0.3506

Protanopia

82.0357, 0.3338, 0.3517

Deuteranopia

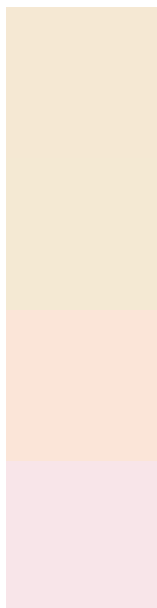
81.8613, 0.3377, 0.3381



Tritanopia

81.8547, 0.3170, 0.3112

Trichromacy



Original Color

81.8289, 0.3354, 0.3506

Protanomaly

82.2141, 0.3345, 0.3517

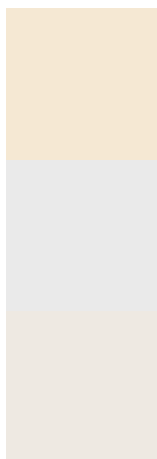
Deuteranomaly

81.5057, 0.3367, 0.3422

Tritanomaly

81.8783, 0.3233, 0.3250

Monochromacy



Original Color

81.8289, 0.3354, 0.3506

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.9460, 0.3206, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.8289, 0.3354, 0.3506 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(245, 232, 211)` looks like.

```
.text, #text, p{  
    color:rgb(245, 232, 211)  
}
```

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(245, 232, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 232, 211) }
```

Border

The CSS property to change the border of an element to Yxy 81.8289, 0.3354, 0.3506 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(245, 232, 211) }
```

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

```
.border{ border-color:rgb(245, 232, 211) }
```

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

Here you see how a box with a 4 pixel rgb(245, 232, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 232, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 232, 211);  
box-shadow:4px 4px 4px 4px rgb(245, 232,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 81.8289, 0.3354, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 232, 211) }
```

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

```
.background{ background-color: rgb(245,  
232, 211) }
```

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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