

Converting Colors

$Yxy(80.5035, 0.3380, 0.3463)$

Have a look what the booklet for
Yxy(80.5035, 0.3380, 0.3463)
contains.

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Color

Yxy(80.1967, 0.3374, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	F8E4D4
RGB	248, 228, 212
RGB Percent	97%, 89%, 83%
CMY	0.0275, 0.1059, 0.1686
CMYK	0.00, 0.08, 0.15, 0.03
HSL	27°, 72%, 90%
HSV	27°, 15%, 97%
XYZ	78.3392, 80.1967, 73.6491
YIQ	232.1560, 17.0560, -0.7360

Conversions

Conversions Part 2

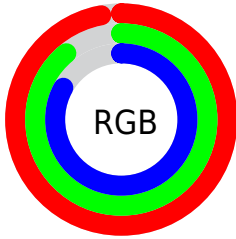
Format	Color
R _Y B	248, 241, 212
Decimal	16311508
CIE Lab	91.77, 4.26, 10.25
CIE LCh	92, 11.101, 67.453
Yxy	80.1967, 0.3374, 0.3454
Android (android.graphics.Color)	4294501588 (0xFFF8E4D4)
YUV	232.1560, -9.9369, 13.8952
Hunter-Lab	89.5526, -0.5681, 13.9261

Details

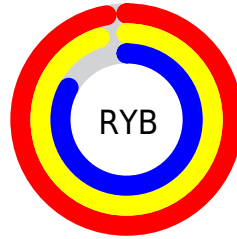
The Yxy color **80.1967, 0.3374, 0.3454** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.4960, 0.2900, 0.3120**, and the grayscale version is **80.8879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.3978, 0.3430, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **71.7606, 0.3577, 0.3574**, and if you desaturate by 10%, it is **89.4365, 0.3198, 0.3339**.

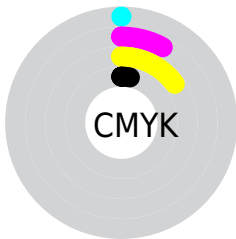
Distribution



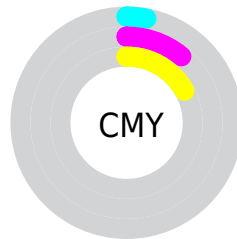
- Red (97%)
- Green (89%)
- Blue (83%)



- Red (97%)
- Yellow (95%)
- Blue (83%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.1967, 0.3374, 0.3454 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 80.1967, 0.3374, 0.3454 by changing the saturation by 10% instead.


 80.1967, 0.3374,
0.3454

 80.1967, 0.3374,
0.3454


495.5955, 0.3261,
0.3380

 59.8802, 0.3399,
0.3470

133.6422, 0.3335,
0.3429

 43.3221, 0.3431,
0.3490


167.5401, 0.3320,
0.3419

 30.1379, 0.3470,
0.3515


206.7339, 0.3307,
0.3410

 19.9433, 0.3521,
0.3547

251.6080, 0.3295,
0.3403

 12.3538, 0.3589,
0.3589

302.5468, 0.3285,
0.3396

 6.9851, 0.3687,
0.3648

359.9347, 0.3276,

 3.4528, 0.3834,

0.3390

0.3734

424.1562, 0.3268,
0.3385

■ 1.3725, 0.4111,
0.3895

■ 0.1963, 0.5968,
0.4032

■ 80.1967, 0.3374,
0.3454

■ 80.1967, 0.3374,
0.3454

■ 71.7606, 0.3577,
0.3574

■ 89.4365, 0.3198,
0.3339

■ 64.0948, 0.3808,
0.3697

■ 98.6960, 0.3084,
0.3290

■ 57.1788, 0.4068,
0.3815

■ 50.9874, 0.4353,
0.3922

■ 45.4934, 0.4655,
0.4004

■ 40.6677, 0.4958,
0.4050

■ 36.4781, 0.5242,
0.4046

■ 32.8883, 0.5484,
0.3987

■ 31.1504, 0.5599,
0.3936

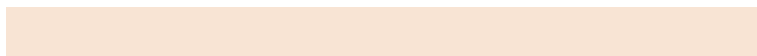
Harmonies

Analogous

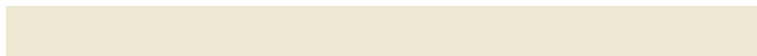
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1967, 0.3374, 0.3356



80.1967, 0.3374, 0.3454



80.1967, 0.3306, 0.3511

Triad

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



80.1967, 0.3374, 0.3454



80.1967, 0.2949, 0.3335



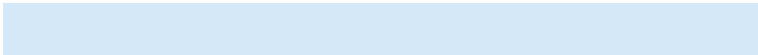
80.1967, 0.3060, 0.3083

Complementary

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



80.1967, 0.3374, 0.3454



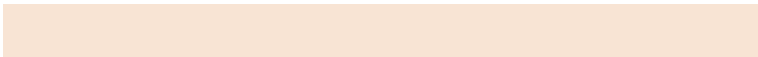
78.4960, 0.2900, 0.3120

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.



80.1967, 0.2949, 0.3074



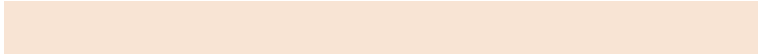
80.1967, 0.3374, 0.3454



80.1967, 0.2886, 0.3216

Square

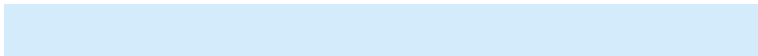
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.1967, 0.3374, 0.3454



80.1967, 0.3060, 0.3443



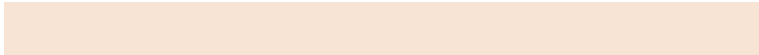
80.1967, 0.2886, 0.3121



80.1967, 0.3191, 0.3144

Rectangle

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



80.1967, 0.3374, 0.3454



80.1967, 0.3233, 0.3516



80.1967, 0.2886, 0.3121



80.1967, 0.3019, 0.3074

Sweetspot

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



80.2003, 0.3374, 0.3454



95.7974, 0.3190, 0.3334



72.9015, 0.3252, 0.3083



20.3388, 0.3202, 0.3342



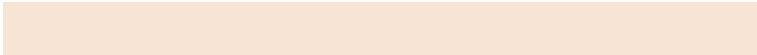
0.0000, 0.0000, 0.0000



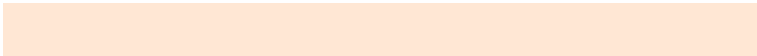
21.4041, 0.3127, 0.3290

Same Dimension

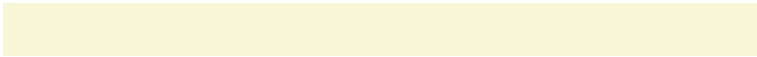
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.2003, 0.3374, 0.3454



83.0986, 0.3422, 0.3484



90.3781, 0.3349, 0.3627



18.4948, 0.3283, 0.3396



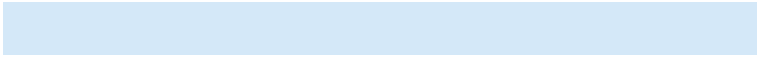
17.0976, 0.5572, 0.3958



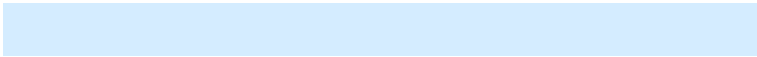
1.7913, 0.5367, 0.4120

Inverse Universe

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



78.4960, 0.2900, 0.3120



81.0050, 0.2860, 0.3088



69.0815, 0.2894, 0.2929



18.2426, 0.2980, 0.3182



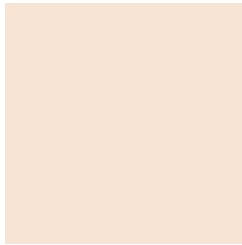
13.7341, 0.1824, 0.1765



1.4835, 0.1879, 0.1963

Previews

White Background



This preview shows how the Yxy color 80.1967, 0.3374, 0.3454 looks on a white background.

Color Contrast Check

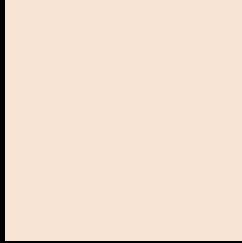
Large Text (above 18pt) WCAG AA × Fail

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 80.1967, 0.3374, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

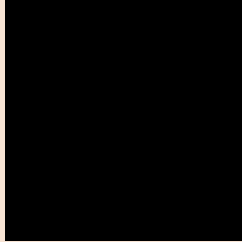
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.1967, 0.3374, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 80.1967, 0.3374, 0.3454.

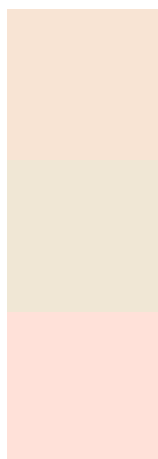


This preview shows how white text looks on a background with the Yxy color 80.1967, 0.3374, 0.3454.

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

80.1967, 0.3374, 0.3454

Protanopia

80.4812, 0.3306, 0.3477

Deuteranopia

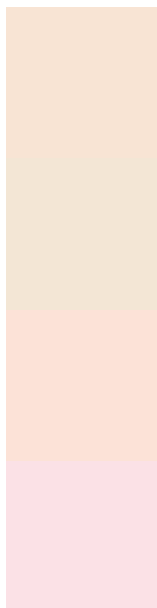
80.1202, 0.3395, 0.3371



Tritanopia

80.3576, 0.3212, 0.3122

Trichromacy



Original Color

80.1967, 0.3374, 0.3454

Protanomaly

80.4524, 0.3329, 0.3466

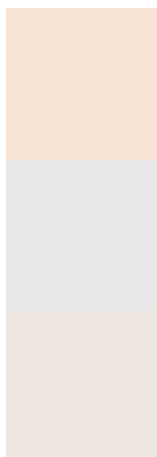
Deuteranomaly

79.9945, 0.3386, 0.3402

Tritanomaly

80.0728, 0.3278, 0.3240

Monochromacy



Original Color

80.1967, 0.3374, 0.3454

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.7652, 0.3214, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.1967, 0.3374, 0.3454 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(248, 228, 212)` looks like.

```
.text, #text, p{  
    color:rgb(248, 228, 212)  
}
```

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(248, 228, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 228, 212) }
```

Border

The CSS property to change the border of an element to Yxy 80.1967, 0.3374, 0.3454 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(248, 228, 212) }
```

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

```
.border{ border-color:rgb(248, 228, 212) }
```

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

Here you see how a box with a 4 pixel rgb(248, 228, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 228, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 228, 212);  
box-shadow:4px 4px 4px 4px rgb(248, 228,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 80.1967, 0.3374, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 228, 212) }
```

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

```
.background{ background-color: rgb(248,  
228, 212) }
```

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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