

Converting Colors

$Y_{xy}(82.1342, 0.3426, 0.3524)$

Have a look what the booklet for
Yxy(82.1342, 0.3426, 0.3524)
contains.

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Color

Yxy(82.4013, 0.3425, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	FCE7D0
RGB	252, 231, 208
RGB Percent	99%, 91%, 82%
CMY	0.0118, 0.0941, 0.1841
CMYK	0.00, 0.08, 0.17, 0.01
HSL	31°, 88%, 90%
HSV	31°, 17%, 99%
XYZ	80.1091, 82.4013, 71.3848
YIQ	234.6570, 19.8990, -2.7010

Conversions

Conversions Part 2

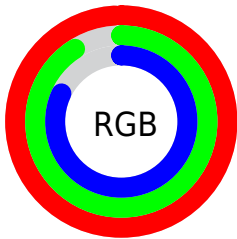
Format	Color
R _Y B	248, 252, 208
Decimal	16574416
CIE Lab	92.75, 3.54, 13.76
CIE LCh	93, 14.207, 75.560
Yxy	82.4013, 0.3425, 0.3523
Android (android.graphics.Color)	4294764496 (0xFFFC E7D0)
YUV	234.6570, -13.1419, 15.2098
Hunter-Lab	90.7752, -1.3302, 16.9174

Details

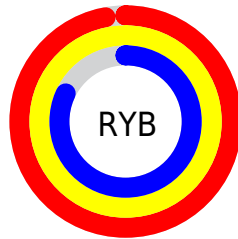
The Yxy color **82.4013, 0.3425, 0.3523** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **76.5039, 0.2851, 0.3045**, and the grayscale version is **82.8978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5951, 0.3490, 0.3564** is the 20% darker color. If you saturate the color by 10%, you get **74.7533, 0.3627, 0.3664**, and if you desaturate by 10%, it is **90.7171, 0.3246, 0.3387**.

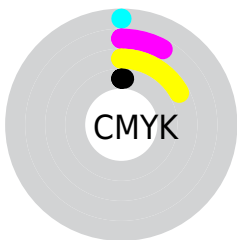
Distribution



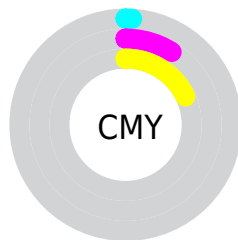
- Red (99%)
- Green (91%)
- Blue (82%)



- Red (97%)
- Yellow (99%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (1%)




- Cyan (1%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.4013, 0.3425, 0.3523 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 82.4013, 0.3425, 0.3523 by changing the saturation by 10% instead.

 82.4013, 0.3425,
0.3523

 82.4013, 0.3425,
0.3523

502.9890, 0.3290,
0.3419

 61.6964, 0.3455,
0.3546


136.7366, 0.3379,
0.3487

 44.7874, 0.3492,
0.3574


171.1358, 0.3360,
0.3473

 31.2900, 0.3539,
0.3609

210.8685, 0.3345,
0.3461

 20.8198, 0.3599,
0.3654

256.3192, 0.3331,
0.3451

 12.9923, 0.3679,
0.3712

307.8722, 0.3319,
0.3441

 7.4233, 0.3791,
0.3793

365.9119, 0.3308,

 3.7282, 0.3958,

0.3433

0.3910

430.8227, 0.3298,
0.3425

■ 1.5227, 0.4288,
0.4146

■ 0.3046, 0.5524,
0.4476

■ 82.4013, 0.3425,
0.3523

■ 82.4013, 0.3425,
0.3523

■ 74.7533, 0.3627,
0.3664

■ 90.7171, 0.3246,
0.3387

■ 67.7435, 0.3853,
0.3806

■ 99.4349, 0.3109,
0.3290

■ 61.3561, 0.4101,
0.3942

■ 55.5702, 0.4364,
0.4061

■ 50.3634, 0.4632,
0.4152

■ 45.7114, 0.4893,
0.4201

■ 41.5869, 0.5127,
0.4198

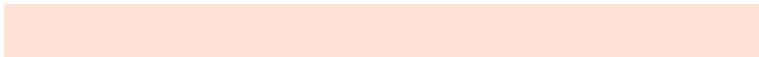
■ 37.9570, 0.5322,
0.4139

■ 37.0983, 0.5368,
0.4119

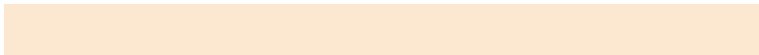
Harmonies

Analogous

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



82.4013, 0.3450, 0.3409



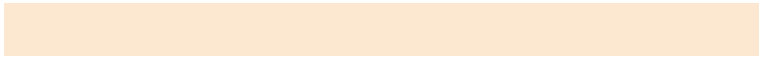
82.4013, 0.3425, 0.3523



82.4013, 0.3319, 0.3578

Triad

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



82.4013, 0.3425, 0.3523



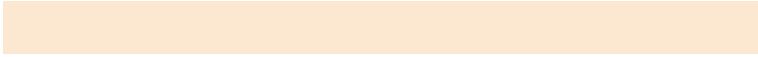
82.4013, 0.2874, 0.3304



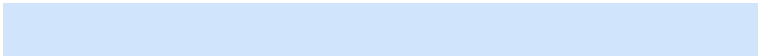
82.4013, 0.3085, 0.3044

Complementary

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



82.4013, 0.3425, 0.3523



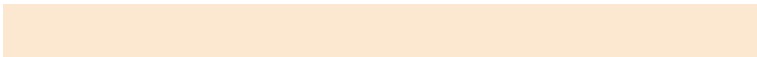
76.5039, 0.2851, 0.3045

Split Complementary

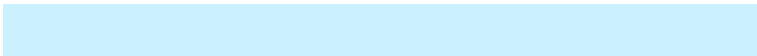
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4013, 0.2934, 0.3013



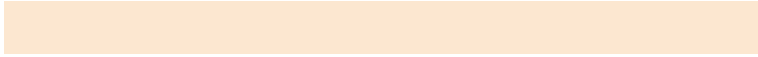
82.4013, 0.3425, 0.3523



82.4013, 0.2815, 0.3158

Square

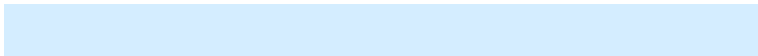
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4013, 0.3425, 0.3523



82.4013, 0.3000, 0.3451



82.4013, 0.2836, 0.3053



82.4013, 0.3251, 0.3136

Rectangle

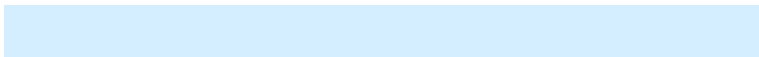
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4013, 0.3425, 0.3523



82.4013, 0.3217, 0.3570



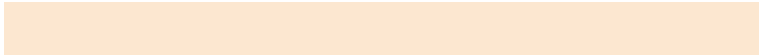
82.4013, 0.2836, 0.3053



82.4013, 0.3031, 0.3026

Sweetspot

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



82.4050, 0.3425, 0.3523



95.3817, 0.3206, 0.3354



71.5015, 0.3307, 0.3076



20.2797, 0.3217, 0.3364



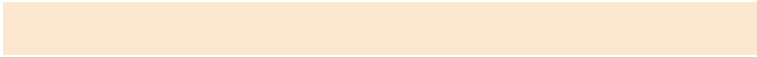
0.0000, 0.0000, 0.0000



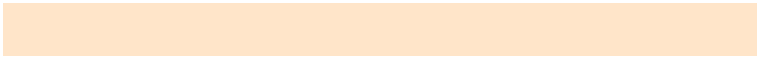
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4050, 0.3425, 0.3523



81.7710, 0.3495, 0.3573



94.7335, 0.3385, 0.3726



18.7256, 0.3281, 0.3414



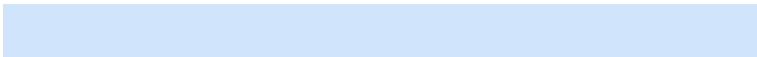
19.6229, 0.5344, 0.4139



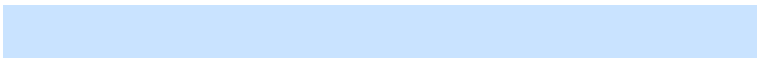
2.0298, 0.5169, 0.4278

Inverse Universe

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



76.5039, 0.2851, 0.3045



74.6532, 0.2792, 0.2989



65.6843, 0.2844, 0.2815



18.0108, 0.2980, 0.3163



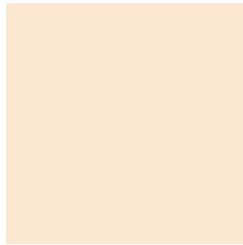
10.9954, 0.1751, 0.1501



1.2292, 0.1812, 0.1723

Previews

White Background



This preview shows how the Yxy color 82.4013, 0.3425, 0.3523 looks on a white background.

Color Contrast Check

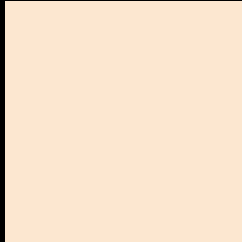
Large Text (above 18pt) WCAG AA × Fail

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 82.4013, 0.3425, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

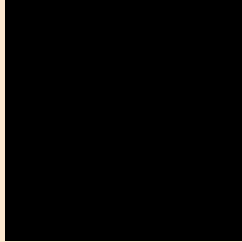
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.4013, 0.3425, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 82.4013, 0.3425, 0.3523.

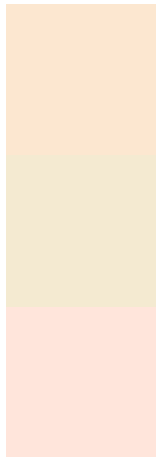


This preview shows how white text looks on a background with the Yxy color 82.4013, 0.3425, 0.3523.

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

82.4013, 0.3425, 0.3523

Protanopia

82.6822, 0.3357, 0.3547

Deuteranopia

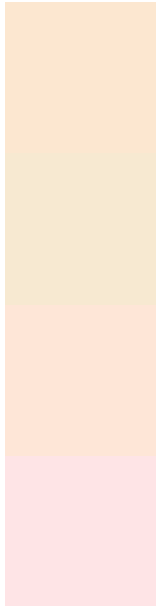
82.4131, 0.3376, 0.3391



Tritanopia

82.1238, 0.3218, 0.3123

Trichromacy



Original Color

82.4013, 0.3425, 0.3523

Protanomaly

82.6554, 0.3380, 0.3536

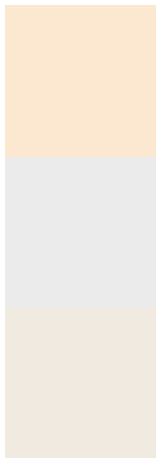
Deuteranomaly

82.5708, 0.3394, 0.3441

Tritanomaly

82.2708, 0.3296, 0.3271

Monochromacy



Original Color

82.4013, 0.3425, 0.3523

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.9827, 0.3232, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4013, 0.3425, 0.3523 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(252, 231, 208)` looks like.

```
.text, #text, p{  
    color:rgb(252, 231, 208)  
}
```

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(252, 231, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 231, 208) }
```

Border

The CSS property to change the border of an element to Yxy 82.4013, 0.3425, 0.3523 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(252, 231, 208) }
```

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

```
.border{ border-color:rgb(252, 231, 208) }
```

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

Here you see how a box with a 4 pixel rgb(252, 231, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 231, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 231, 208);  
box-shadow:4px 4px 4px 4px rgb(252, 231,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4013, 0.3425, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 231, 208) }
```

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

```
.background{ background-color: rgb(252,  
231, 208) }
```

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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