

Converting Colors

$Yxy(82.3676, 0.3421, 0.3482)$

Have a look what the booklet for
Yxy(82.3676, 0.3421, 0.3482)
contains.

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Color

Yxy(82.3676, 0.3421, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	FEE6D3
RGB	254, 230, 211
RGB Percent	100%, 90%, 83%
CMY	0.0040, 0.0980, 0.1725
CMYK	0.00, 0.09, 0.17, 0.00
HSL	27°, 96%, 91%
HSV	27°, 17%, 100%
XYZ	80.9246, 82.3676, 73.2603
YIQ	235.0100, 20.4030, -0.8210

Conversions

Conversions Part 2

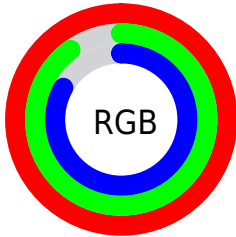
Format	Color
RYB	254, 245, 211
Decimal	16705235
CIELab	92.74, 5.20, 12.22
CIELCh	93, 13.286, 66.940
Yxy	82.3676, 0.3421, 0.3482
Android (android.graphics.Color)	4294895315 (0xFFFE6D3)
YUV	235.0100, -11.8369, 16.6542
Hunter-Lab	90.7566, 0.3384, 15.6697

Details

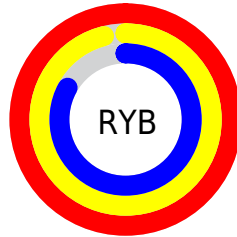
The Yxy color **82.3676, 0.3421, 0.3482** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.4093, 0.2861, 0.3090**, and the grayscale version is **83.1674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.9306, 0.3491, 0.3536** is the 20% darker color. If you saturate the color by 10%, you get **73.6281, 0.3631, 0.3603**, and if you desaturate by 10%, it is **91.9567, 0.3239, 0.3366**.

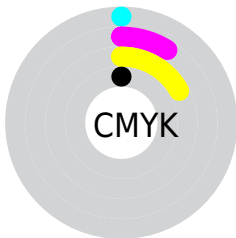
Distribution



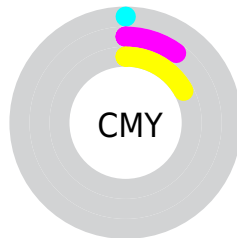
- Red (100%)
- Green (90%)
- Blue (83%)



- Red (100%)
- Yellow (96%)
- Blue (83%)



- Cyan (0%)
- Magenta (9%)
- Yellow (17%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.3676, 0.3421, 0.3482 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 82.3676, 0.3421, 0.3482 by changing the saturation by 10% instead.


 82.3676, 0.3421,
0.3482

 82.3676, 0.3421,
0.3482

502.8765, 0.3287,
0.3396

 61.6686, 0.3451,
0.3501

136.6894, 0.3375,
0.3453

 44.7650, 0.3488,
0.3524


171.0809, 0.3357,
0.3441

 31.2723, 0.3534,
0.3552


210.8055, 0.3342,
0.3431

 20.8063, 0.3593,
0.3588

256.2474, 0.3328,
0.3423

 12.9825, 0.3673,
0.3636

307.7910, 0.3316,
0.3415

 7.4165, 0.3785,
0.3701

365.8208, 0.3305,

 3.7239, 0.3954,

0.3408

0.3794

430.7212, 0.3296,
0.3402

■ 1.5204, 0.4262,
0.3963

■ 0.3030, 0.5780,
0.4220

■ 82.3676, 0.3421,
0.3482

■ 82.3676, 0.3421,
0.3482

■ 73.6281, 0.3631,
0.3603

■ 91.9567, 0.3239,
0.3366

■ 65.7026, 0.3870,
0.3724

99.8089, 0.3121,
0.3290

■ 58.5688, 0.4138,
0.3840

■ 52.1992, 0.4430,
0.3942

■ 46.5644, 0.4735,
0.4016

■ 41.6326, 0.5037,
0.4050

■ 37.3685, 0.5313,
0.4032

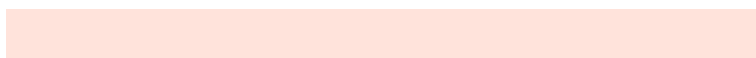
■ 33.7315, 0.5543,
0.3959

■ 32.7264, 0.5607,
0.3930

Harmonies

Analogous

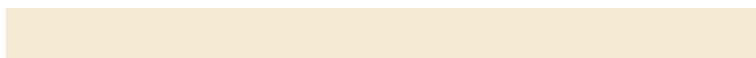
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3676, 0.3420, 0.3365



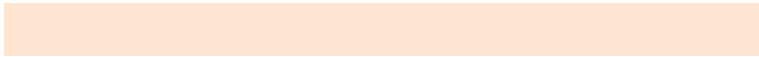
82.3676, 0.3421, 0.3482



82.3676, 0.3341, 0.3552

Triad

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



82.3676, 0.3421, 0.3482



82.3676, 0.2918, 0.3345



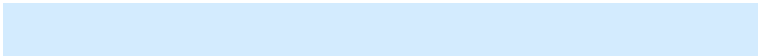
82.3676, 0.3044, 0.3045

Complementary

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



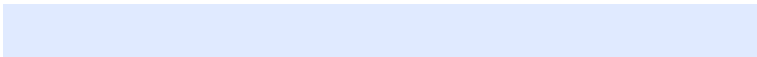
82.3676, 0.3421, 0.3482



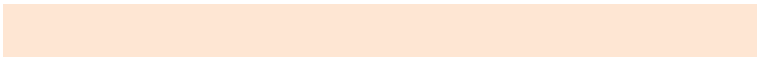
80.4093, 0.2861, 0.3090

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.



82.3676, 0.2914, 0.3035



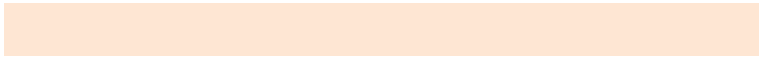
82.3676, 0.3421, 0.3482



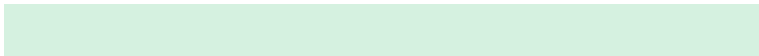
82.3676, 0.2843, 0.3204

Square

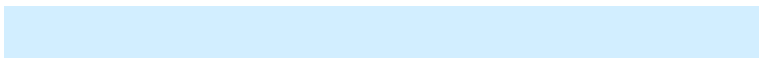
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3676, 0.3421, 0.3482



82.3676, 0.3050, 0.3474



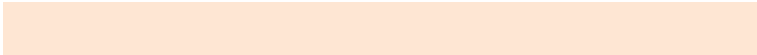
82.3676, 0.2841, 0.3091



82.3676, 0.3200, 0.3116

Rectangle

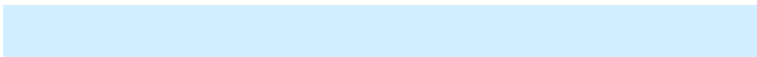
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3676, 0.3421, 0.3482



82.3676, 0.3254, 0.3559



82.3676, 0.2841, 0.3091



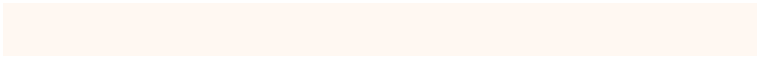
82.3676, 0.2996, 0.3034

Sweetspot

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



82.3713, 0.3421, 0.3482



94.7518, 0.3206, 0.3345



73.6766, 0.3276, 0.3047



20.1267, 0.3218, 0.3353



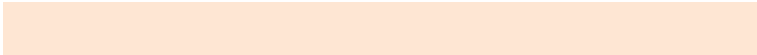
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



82.3713, 0.3421, 0.3482



80.3130, 0.3483, 0.3519



94.8439, 0.3387, 0.3685



19.3090, 0.3283, 0.3395



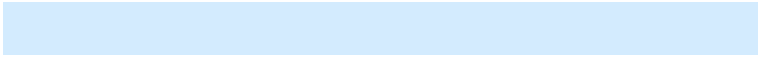
17.5383, 0.5580, 0.3952



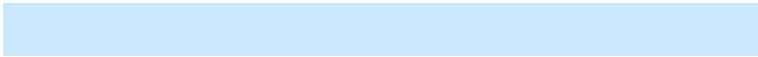
1.9212, 0.5383, 0.4108

Inverse Universe

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



80.4093, 0.2861, 0.3090



78.0232, 0.2812, 0.3050



69.0294, 0.2850, 0.2861



19.0585, 0.2979, 0.3182



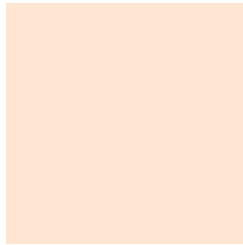
14.2215, 0.1825, 0.1771



1.6026, 0.1878, 0.1959

Previews

White Background



This preview shows how the Yxy color 82.3676, 0.3421, 0.3482 looks on a white background.

Color Contrast Check

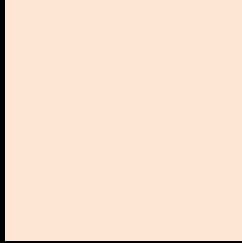
Large Text (above 18pt) WCAG AA × Fail

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 82.3676, 0.3421, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

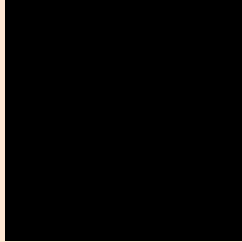
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.3676, 0.3421, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 82.3676, 0.3421, 0.3482.

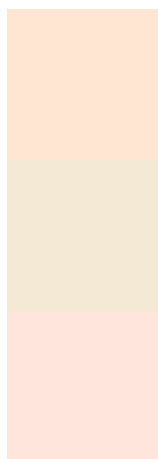


This preview shows how white text looks on a background with the Yxy color 82.3676, 0.3421, 0.3482.

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

82.3676, 0.3421, 0.3482

Protanopia

82.1366, 0.3325, 0.3496

Deuteranopia

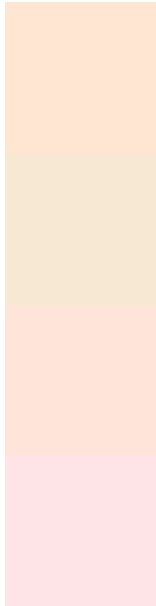
82.4659, 0.3369, 0.3381



Tritanopia

82.6090, 0.3224, 0.3143

Trichromacy



Original Color

82.3676, 0.3421, 0.3482

Protanomaly

82.2408, 0.3361, 0.3495

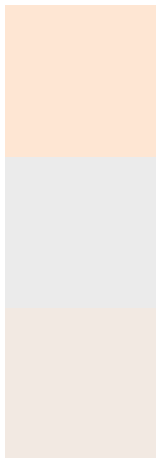
Deuteranomaly

82.3084, 0.3389, 0.3411

Tritanomaly

82.5163, 0.3296, 0.3261

Monochromacy



Original Color

82.3676, 0.3421, 0.3482

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.6461, 0.3233, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3676, 0.3421, 0.3482 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(254, 230, 211)` looks like.

```
.text, #text, p{  
    color:rgb(254, 230, 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(254, 230, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 211) }
```

Border

The CSS property to change the border of an element to Yxy 82.3676, 0.3421, 0.3482 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(254, 230, 211) }
```

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

```
.border{ border-color:rgb(254, 230, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 230, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 230, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 230, 211);  
box-shadow:4px 4px 4px 4px rgb(254, 230,  
211) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 82.3676, 0.3421, 0.3482$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 230, 211) }
```

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

```
.background{ background-color: rgb(254,  
230, 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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