

Converting Colors

$Y_{xy}(82.1621, 0.3298, 0.3374)$

Have a look what the booklet for
Yxy(82.1621, 0.3298, 0.3374)
contains.

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Color

Yxy(82.3822, 0.3303, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	F8E7DE
RGB	248, 231, 222
RGB Percent	97%, 91%, 87%
CMY	0.0276, 0.0940, 0.1295
CMYK	0.00, 0.07, 0.10, 0.03
HSL	21°, 65%, 92%
HSV	21°, 10%, 97%
XYZ	80.4578, 82.3822, 80.7501
YIQ	235.0570, 13.0210, 0.8050

Conversions

Conversions Part 2

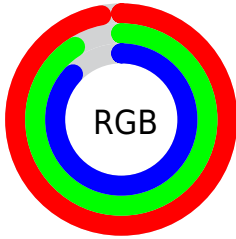
Format	Color
R _Y B	248, 236, 222
Decimal	16312286
CIE Lab	92.74, 4.26, 6.46
CIE LCh	93, 7.736, 56.559
Yxy	82.3822, 0.3303, 0.3382
Android (android.graphics.Color)	4294502366 (0xFFFF8E7DE)
YUV	235.0570, -6.4371, 11.3510
Hunter-Lab	90.7646, -0.6077, 10.7870

Details

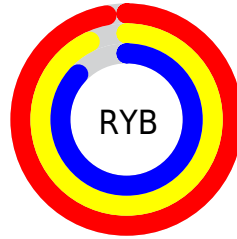
The Yxy color **82.3822, 0.3303, 0.3382** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.9812, 0.2965, 0.3196**, and the grayscale version is **83.1634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.6564, 0.3348, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **72.5181, 0.3501, 0.3475**, and if you desaturate by 10%, it is **93.2845, 0.3135, 0.3294**.

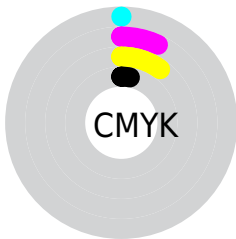
Distribution



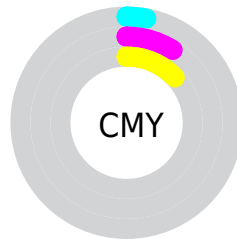
- Red (97%)
- Green (91%)
- Blue (87%)



- Red (97%)
- Yellow (93%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (3%)



- Cyan (3%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.3822, 0.3303, 0.3382 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 82.3822, 0.3303, 0.3382 by changing the saturation by 10% instead.

 82.3822, 0.3303,
0.3382

 82.3822, 0.3303,
0.3382

502.9252, 0.3223,
0.3341

 61.6806, 0.3321,
0.3391


136.7098, 0.3276,
0.3368

 44.7747, 0.3343,
0.3402


171.1047, 0.3265,
0.3362

 31.2800, 0.3371,
0.3416


210.8328, 0.3255,
0.3358

 20.8121, 0.3406,
0.3433

256.2785, 0.3247,
0.3354

 12.9868, 0.3454,
0.3457

307.8262, 0.3240,
0.3350

 7.4194, 0.3522,
0.3489

365.8603, 0.3234,

 3.7258, 0.3625,

0.3347

0.3536

430.7652, 0.3228,
0.3344

■ 1.5214, 0.3800,
0.3612

■ 0.3037, 0.5639,
0.4361

■ 82.3822, 0.3303,
0.3382

■ 82.3822, 0.3303,
0.3382

■ 72.5181, 0.3501,
0.3475

■ 93.2845, 0.3135,
0.3294

■ 63.6504, 0.3734,
0.3572

■ 98.6886, 0.3084,
0.3290

■ 55.7500, 0.4003,
0.3668

■ 48.7825, 0.4309,
0.3756

■ 42.7112, 0.4644,
0.3827

■ 37.4967, 0.4996,
0.3867

■ 33.0962, 0.5338,
0.3865

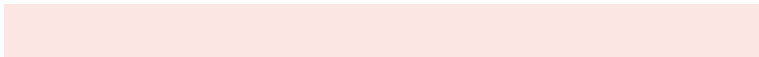
■ 29.4622, 0.5640,
0.3813

■ 26.6583, 0.5870,
0.3721

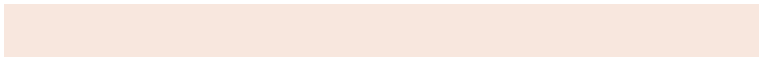
Harmonies

Analogous

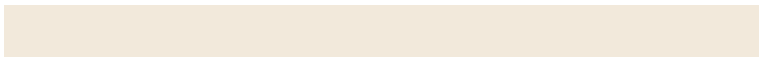
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3822, 0.3286, 0.3308



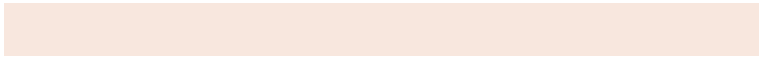
82.3822, 0.3303, 0.3382



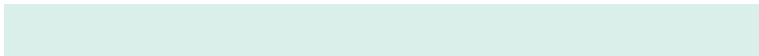
82.3822, 0.3273, 0.3433

Triad

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



82.3822, 0.3303, 0.3382



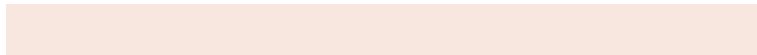
82.3822, 0.3029, 0.3350



82.3822, 0.3050, 0.3139

Complementary

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



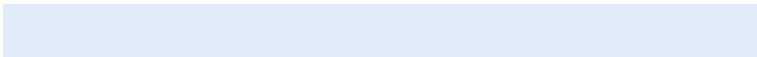
82.3822, 0.3303, 0.3382



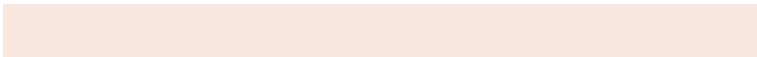
83.9812, 0.2965, 0.3196

Split Complementary

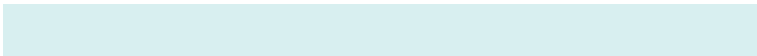
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.3822, 0.2983, 0.3148



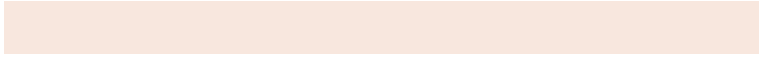
82.3822, 0.3303, 0.3382



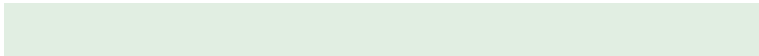
82.3822, 0.2971, 0.3269

Square

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



82.3822, 0.3303, 0.3382



82.3822, 0.3114, 0.3415



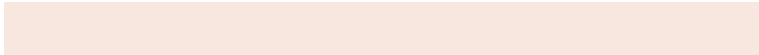
82.3822, 0.2955, 0.3195



82.3822, 0.3139, 0.3169

Rectangle

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



82.3822, 0.3303, 0.3382



82.3822, 0.3229, 0.3446



82.3822, 0.2955, 0.3195



82.3822, 0.3024, 0.3138

Sweetspot

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



82.3858, 0.3303, 0.3382



96.3768, 0.3175, 0.3316



78.4281, 0.3196, 0.3117



20.4250, 0.3188, 0.3323



0.0000, 0.0000, 0.0000



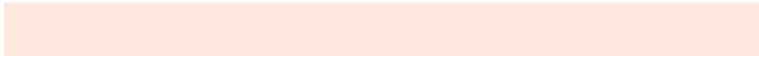
21.4041, 0.3127, 0.3290

Same Dimension

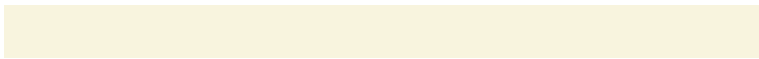
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3858, 0.3303, 0.3382



85.0263, 0.3350, 0.3405



89.6984, 0.3289, 0.3507



18.2136, 0.3285, 0.3373



14.6425, 0.5841, 0.3744



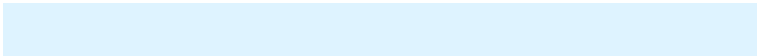
1.5462, 0.5613, 0.3926

Inverse Universe

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



83.9812, 0.2965, 0.3196



87.1011, 0.2925, 0.3172



76.8600, 0.2963, 0.3064



18.5316, 0.2980, 0.3205



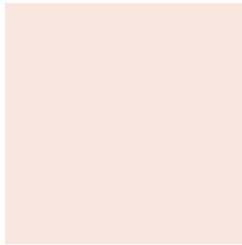
17.8258, 0.1919, 0.2107



1.8493, 0.1962, 0.2264

Previews

White Background



This preview shows how the Yxy color 82.3822, 0.3303, 0.3382 looks on a white background.

Color Contrast Check

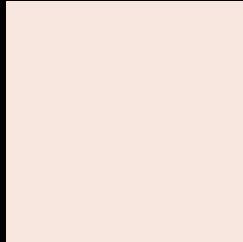
Large Text (above 18pt) WCAG AA × Fail

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 82.3822, 0.3303, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

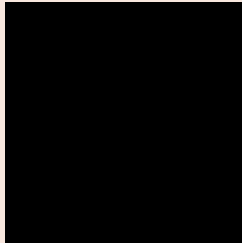
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

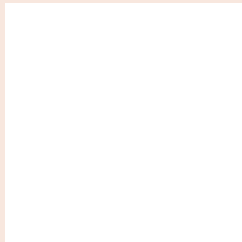
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.3822, 0.3303, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 82.3822, 0.3303, 0.3382.

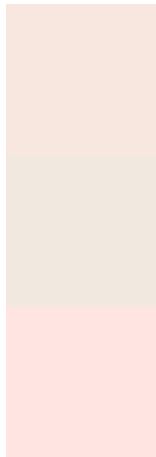


This preview shows how white text looks on a background with the Yxy color 82.3822, 0.3303, 0.3382.

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

82.3822, 0.3303, 0.3382

Protanopia

82.3063, 0.3246, 0.3393

Deuteranopia

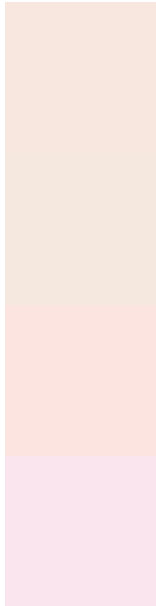
82.2378, 0.3330, 0.3311



Tritanopia

82.0400, 0.3177, 0.3112

Trichromacy



Original Color

82.3822, 0.3303, 0.3382

Protanomaly

82.2740, 0.3267, 0.3382

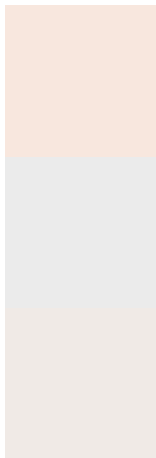
Deuteranomaly

82.1703, 0.3314, 0.3331

Tritanomaly

81.9252, 0.3221, 0.3201

Monochromacy



Original Color

82.3822, 0.3303, 0.3382

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.0841, 0.3193, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3822, 0.3303, 0.3382 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, 231, 222)` looks like.

```
.text, #text, p{  
    color:rgb(248, 231, 222)  
}
```

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, 231, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 231, 222) }
```

Border

The CSS property to change the border of an element to Yxy 82.3822, 0.3303, 0.3382 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, 231, 222) }
```

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

```
.border{ border-color:rgb(248, 231, 222) }
```

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

Here you see how a box with a 4 pixel rgb(248, 231, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 231, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 231, 222);  
box-shadow:4px 4px 4px 4px rgb(248, 231,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3822, 0.3303, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 231, 222) }
```

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

```
.background{ background-color: rgb(248,  
231, 222) }
```

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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