

Converting Colors

$Yxy(82.7037, 0.3409, 0.3529)$

Have a look what the booklet for
Yxy(82.7037, 0.3409, 0.3529)
contains.

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Color

Yxy(82.6407, 0.3403, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	FAE8D1
RGB	250, 232, 209
RGB Percent	98%, 91%, 82%
CMY	0.0194, 0.0902, 0.1804
CMYK	0.00, 0.07, 0.16, 0.02
HSL	34°, 81%, 90%
HSV	34°, 16%, 98%
XYZ	79.8032, 82.6407, 72.0644
YIQ	234.7600, 18.1110, -3.3370

Conversions

Conversions Part 2

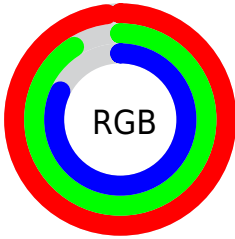
Format	Color
R _Y B	241, 250, 209
Decimal	16443601
CIE Lab	92.86, 2.49, 13.39
CIE LCh	93, 13.619, 79.478
Yxy	82.6407, 0.3403, 0.3524
Android (android.graphics.Color)	4294633681 (0xFFFAE8D1)
YUV	234.7600, -12.6997, 13.3655
Hunter-Lab	90.9069, -2.3899, 16.6341

Details

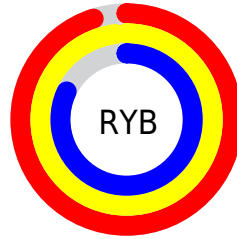
The Yxy color **82.6407, 0.3403, 0.3524** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.4325, 0.2867, 0.3044**, and the grayscale version is **82.9805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7547, 0.3460, 0.3565** is the 20% darker color. If you saturate the color by 10%, you get **75.5004, 0.3599, 0.3675**, and if you desaturate by 10%, it is **90.3706, 0.3228, 0.3379**.

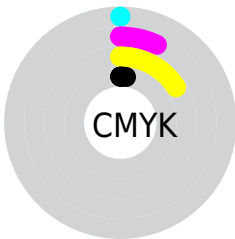
Distribution



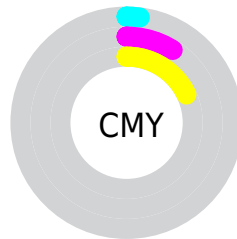
- Red (98%)
- Green (91%)
- Blue (82%)



- Red (95%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6407, 0.3403, 0.3524 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 82.6407, 0.3403, 0.3524 by changing the saturation by 10% instead.

 82.6407, 0.3403,
0.3524

 82.6407, 0.3403,
0.3524


503.7883, 0.3278,
0.3419

 61.8938, 0.3431,
0.3547


137.0721, 0.3360,
0.3488

 44.9469, 0.3465,
0.3576


171.5254, 0.3343,
0.3474

 31.4156, 0.3508,
0.3611

211.3163, 0.3329,
0.3462

 20.9155, 0.3563,
0.3656

256.8292, 0.3316,
0.3451

 13.0623, 0.3637,
0.3716

308.4484, 0.3305,
0.3442

 7.4714, 0.3740,
0.3799

366.5584, 0.3295,

 3.7586, 0.3894,

0.3433

0.3920

431.5436, 0.3286,
0.3426

■ 1.5395, 0.4190,
0.4154

■ 0.3163, 0.5332,
0.4668

■ 82.6407, 0.3403,
0.3524

■ 82.6407, 0.3403,
0.3524

■ 75.5004, 0.3599,
0.3675

■ 90.3706, 0.3228,
0.3379

■ 68.9224, 0.3816,
0.3826

■ 98.4333, 0.3097,
0.3280

■ 62.8936, 0.4052,
0.3971

■ 99.0738, 0.3097,
0.3290

■ 57.3958, 0.4300,
0.4101

■ 52.4094, 0.4553,
0.4204

■ 47.9132, 0.4796,
0.4266

■ 43.8834, 0.5014,
0.4277

■ 40.2917, 0.5197,
0.4233

■ 39.0994, 0.5256,
0.4209

Harmonies

Analogous

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



82.6407, 0.3438, 0.3420



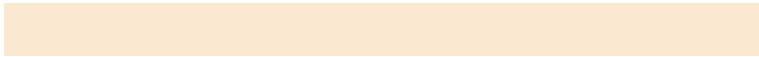
82.6407, 0.3403, 0.3524



82.6407, 0.3293, 0.3567

Triad

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



82.6407, 0.3403, 0.3524



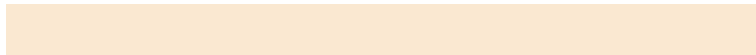
82.6407, 0.2873, 0.3285



82.6407, 0.3108, 0.3063

Complementary

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



82.6407, 0.3403, 0.3524



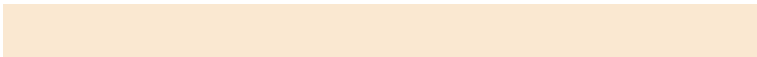
75.4325, 0.2867, 0.3044

Split Complementary

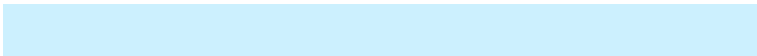
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6407, 0.2959, 0.3025



82.6407, 0.3403, 0.3524



82.6407, 0.2826, 0.3148

Square

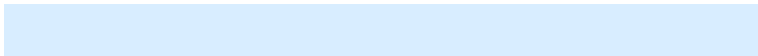
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6407, 0.3403, 0.3524



82.6407, 0.2987, 0.3428



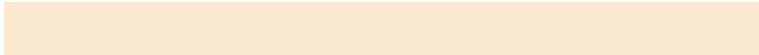
82.6407, 0.2857, 0.3054



82.6407, 0.3266, 0.3158

Rectangle

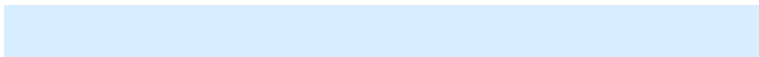
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.6407, 0.3403, 0.3524



82.6407, 0.3193, 0.3553



82.6407, 0.2857, 0.3054



82.6407, 0.3055, 0.3043

Sweetspot

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



82.6444, 0.3403, 0.3524



95.6786, 0.3205, 0.3359



71.5060, 0.3305, 0.3102



20.3519, 0.3217, 0.3369



0.0000, 0.0000, 0.0000



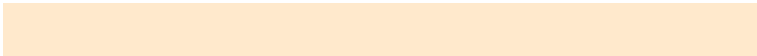
21.4041, 0.3127, 0.3290

Same Dimension

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



82.6444, 0.3403, 0.3524



83.6489, 0.3471, 0.3578



92.9641, 0.3361, 0.3701



18.8378, 0.3280, 0.3423



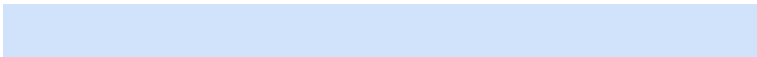
21.0215, 0.5234, 0.4226



2.1582, 0.5075, 0.4352

Inverse Universe

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



75.4325, 0.2867, 0.3044



74.6894, 0.2808, 0.2984



66.3619, 0.2872, 0.2847



17.8998, 0.2979, 0.3154



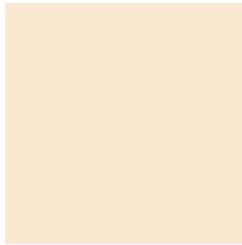
9.8516, 0.1717, 0.1381



1.1196, 0.1781, 0.1611

Previews

White Background



This preview shows how the Yxy color 82.6407, 0.3403, 0.3524 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 82.6407, 0.3403, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

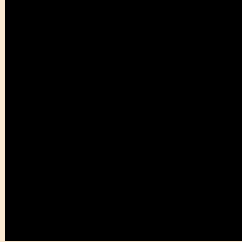
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

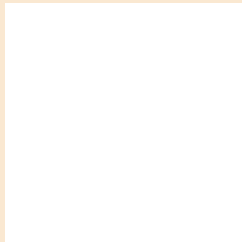
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.6407, 0.3403, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 82.6407, 0.3403, 0.3524.

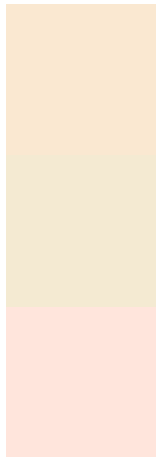


This preview shows how white text looks on a background with the Yxy color 82.6407, 0.3403, 0.3524.

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

82.6407, 0.3403, 0.3524

Protanopia

82.7319, 0.3350, 0.3537

Deuteranopia

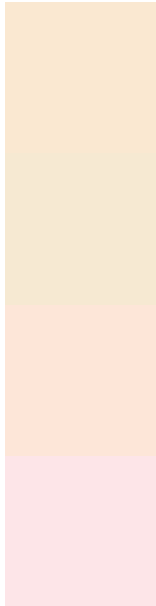
82.4659, 0.3369, 0.3381



Tritanopia

82.7907, 0.3204, 0.3114

Trichromacy



Original Color

82.6407, 0.3403, 0.3524

Protanomaly

82.5238, 0.3366, 0.3526

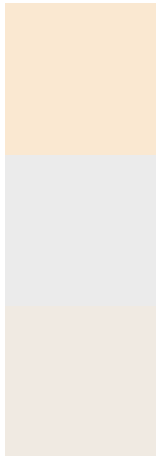
Deuteranomaly

82.4341, 0.3380, 0.3431

Tritanomaly

82.7475, 0.3274, 0.3261

Monochromacy



Original Color

82.6407, 0.3403, 0.3524

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.8619, 0.3218, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6407, 0.3403, 0.3524 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(250, 232, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 232, 209)  
}
```

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(250, 232, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 232, 209) }
```

Border

The CSS property to change the border of an element to Yxy 82.6407, 0.3403, 0.3524 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(250, 232, 209) }
```

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

```
.border{ border-color:rgb(250, 232, 209) }
```

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

Here you see how a box with a 4 pixel rgb(250, 232, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 232, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 232, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 232,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6407, 0.3403, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 232, 209) }
```

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

```
.background{ background-color: rgb(250,  
232, 209) }
```

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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