

Converting Colors

$Yxy(82.3826, 0.3254, 0.3362)$

Have a look what the booklet for
Yxy(82.3826, 0.3254, 0.3362)
contains.

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Color

Yxy(82.3826, 0.3254, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	F4E8E1
RGB	244, 232, 225
RGB Percent	96%, 91%, 88%
CMY	0.0434, 0.0901, 0.1177
CMYK	0.00, 0.05, 0.08, 0.04
HSL	22°, 46%, 92%
HSV	22°, 8%, 96%
XYZ	79.7362, 82.3826, 82.9217
YIQ	234.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

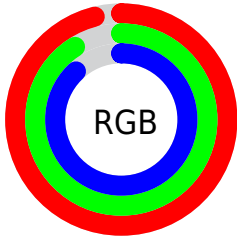
Format	Color
R _Y B	244, 236, 225
Decimal	16050401
CIE Lab	92.74, 2.84, 4.85
CIE LCh	93, 5.620, 59.599
Yxy	82.3826, 0.3254, 0.3362
Android (android.graphics.Color)	4294240481 (0xFF4E8E1)
YUV	234.7900, -4.8265, 8.0772
Hunter-Lab	90.7649, -2.0278, 9.3688

Details

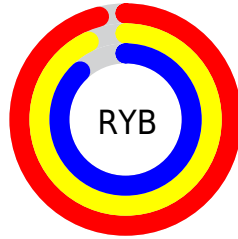
The Yxy color **82.3826, 0.3254, 0.3362** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.0373, 0.3007, 0.3217**, and the grayscale version is **82.9374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.6443, 0.3284, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **72.8921, 0.3442, 0.3460**, and if you desaturate by 10%, it is **92.8229, 0.3094, 0.3270**.

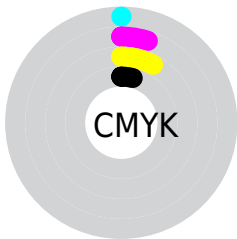
Distribution



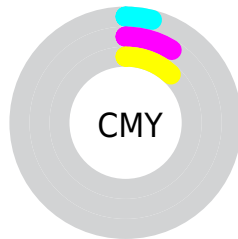
- Red (96%)
- Green (91%)
- Blue (88%)



- Red (96%)
- Yellow (93%)
- Blue (88%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (4%)




- Cyan (4%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.3826, 0.3254, 0.3362 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 82.3826, 0.3254, 0.3362 by changing the saturation by 10% instead.

 82.3826, 0.3254,
0.3362

 82.3826, 0.3254,
0.3362


502.9266, 0.3196,
0.3330

 61.6810, 0.3267,
0.3369


136.7104, 0.3234,
0.3351

 44.7750, 0.3283,
0.3378


171.1054, 0.3226,
0.3347

 31.2802, 0.3303,
0.3389


210.8335, 0.3220,
0.3343

 20.8123, 0.3328,
0.3403

256.2793, 0.3214,
0.3340

 12.9869, 0.3363,
0.3421

307.8271, 0.3209,
0.3337

 7.4195, 0.3412,
0.3447

365.8613, 0.3204,

 3.7258, 0.3486,

0.3334

0.3486

430.7664, 0.3200,
0.3332

■ 1.5214, 0.3612,
0.3550

■ 0.3037, 0.5411,
0.4589

■ 82.3826, 0.3254,
0.3362

■ 82.3826, 0.3254,
0.3362

■ 72.8921, 0.3442,
0.3460

■ 92.8229, 0.3094,
0.3270

■ 64.3135, 0.3662,
0.3562

■ 97.9611, 0.3059,
0.3290

■ 56.6218, 0.3917,
0.3665

■ 49.7871, 0.4205,
0.3762

■ 43.7775, 0.4525,
0.3844

■ 38.5587, 0.4862,
0.3900

■ 34.0939, 0.5198,
0.3916

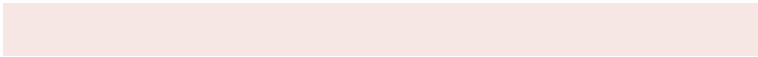
■ 30.3423, 0.5504,
0.3881

■ 27.2563, 0.5754,
0.3795

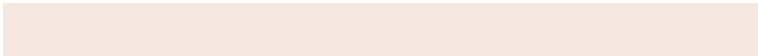
Harmonies

Analogous

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



82.3826, 0.3245, 0.3309



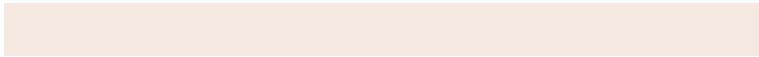
82.3826, 0.3254, 0.3362



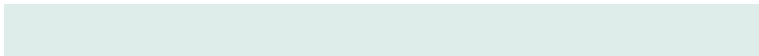
82.3826, 0.3229, 0.3396

Triad

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



82.3826, 0.3254, 0.3362



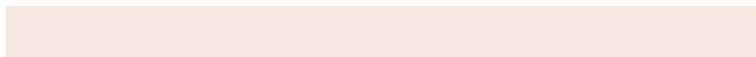
82.3826, 0.3051, 0.3328



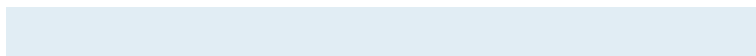
82.3826, 0.3077, 0.3181

Complementary

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



82.3826, 0.3254, 0.3362



83.0373, 0.3007, 0.3217

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.



82.3826, 0.3026, 0.3185



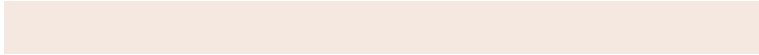
82.3826, 0.3254, 0.3362



82.3826, 0.3011, 0.3269

Square

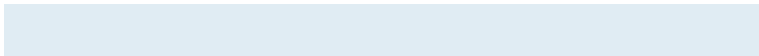
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3826, 0.3254, 0.3362



82.3826, 0.3111, 0.3377



82.3826, 0.3002, 0.3217



82.3826, 0.3142, 0.3206

Rectangle

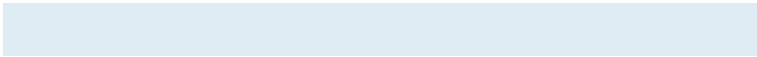
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3826, 0.3254, 0.3362



82.3826, 0.3196, 0.3403



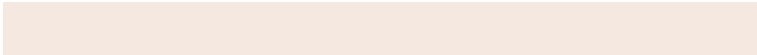
82.3826, 0.3002, 0.3217



82.3826, 0.3058, 0.3179

Sweetspot

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



82.3862, 0.3254, 0.3362



97.6485, 0.3158, 0.3308



79.1774, 0.3181, 0.3169



20.9255, 0.3157, 0.3307



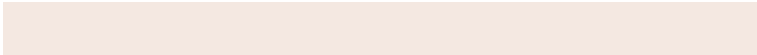
0.0000, 0.0000, 0.0000



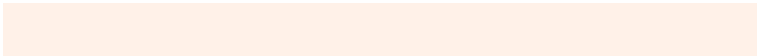
21.4041, 0.3127, 0.3290

Same Dimension

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



82.3862, 0.3254, 0.3362



89.7521, 0.3276, 0.3374



87.8082, 0.3245, 0.3456



17.4916, 0.3284, 0.3379



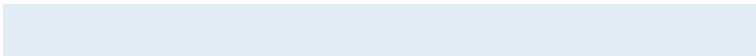
14.7386, 0.5776, 0.3796



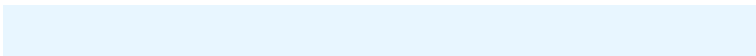
1.4854, 0.5540, 0.3983

Inverse Universe

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



83.0373, 0.3007, 0.3217



90.5812, 0.2987, 0.3205



77.7516, 0.3007, 0.3119



17.6619, 0.2980, 0.3200



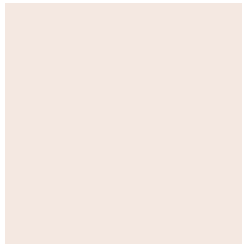
16.2628, 0.1896, 0.2023



1.6258, 0.1944, 0.2200

Previews

White Background



This preview shows how the Yxy color 82.3826, 0.3254, 0.3362 looks on a white background.

Color Contrast Check

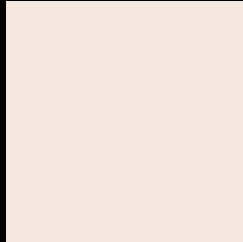
Large Text (above 18pt) WCAG AA × Fail

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 82.3826, 0.3254, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

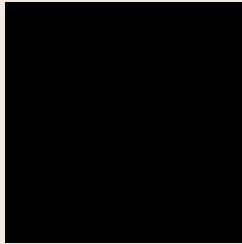
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

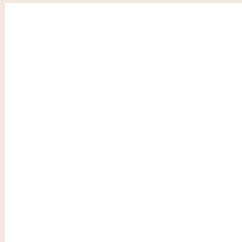
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.3826, 0.3254, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 82.3826, 0.3254, 0.3362.

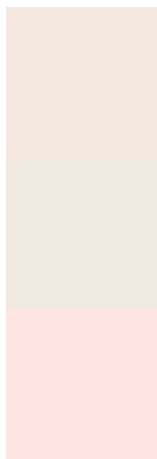


This preview shows how white text looks on a background with the Yxy color 82.3826, 0.3254, 0.3362.

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

82.3826, 0.3254, 0.3362

Protanopia

82.2941, 0.3219, 0.3362

Deuteranopia

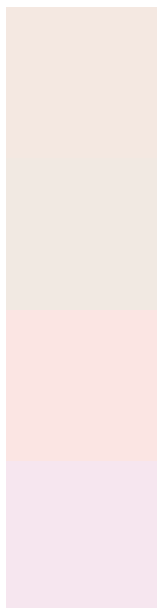
82.3482, 0.3316, 0.3291



Tritanopia

82.5282, 0.3136, 0.3112

Trichromacy



Original Color

82.3826, 0.3254, 0.3362

Protanomaly

82.4696, 0.3226, 0.3362

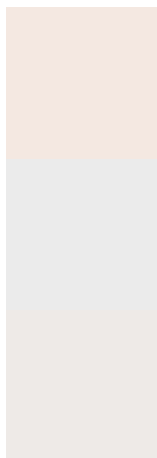
Deuteranomaly

82.0939, 0.3293, 0.3311

Tritanomaly

82.4185, 0.3179, 0.3200

Monochromacy



Original Color

82.3826, 0.3254, 0.3362

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.7923, 0.3173, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3826, 0.3254, 0.3362 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(244, 232, 225) looks like.

```
.text, #text, p{  
    color:rgb(244, 232, 225)  
}
```

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(244, 232, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 232, 225) }
```

Border

The CSS property to change the border of an element to Yxy 82.3826, 0.3254, 0.3362 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(244, 232, 225) }
```

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

```
.border{ border-color:rgb(244, 232, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 232, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 232, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 232, 225);  
box-shadow:4px 4px 4px 4px rgb(244, 232,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3826, 0.3254, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 232, 225) }
```

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

```
.background{ background-color: rgb(244,  
232, 225) }
```

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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