

Converting Colors

$Yxy(82.5805, 0.3273, 0.3399)$

Have a look what the booklet for
Yxy(82.5805, 0.3273, 0.3399)
contains.

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Color

Yxy(82.7848, 0.3273, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	F4E9DE
RGB	244, 233, 222
RGB Percent	96%, 91%, 87%
CMY	0.0430, 0.0863, 0.1293
CMYK	0.00, 0.05, 0.09, 0.04
HSL	30°, 50%, 91%
HSV	30°, 9%, 96%
XYZ	79.6457, 82.7848, 80.9111
YIQ	235.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

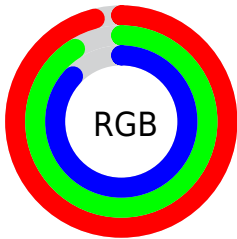
Format	Color
R _Y B	244, 244, 222
Decimal	16050654
CIE Lab	92.92, 1.90, 6.64
CIE LCh	93, 6.908, 74.000
Yxy	82.7848, 0.3273, 0.3402
Android (android.graphics.Color)	4294240734 (0xFF4E9DE)
YUV	235.0350, -6.4263, 7.8623
Hunter-Lab	90.9862, -2.9739, 10.9656

Details

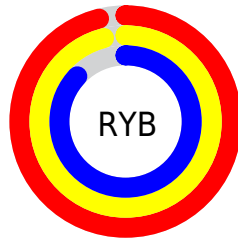
The Yxy color **82.7848, 0.3273, 0.3402** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.3950, 0.2987, 0.3175**, and the grayscale version is **83.1573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.9257, 0.3308, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **74.8740, 0.3457, 0.3533**, and if you desaturate by 10%, it is **91.3742, 0.3112, 0.3278**.

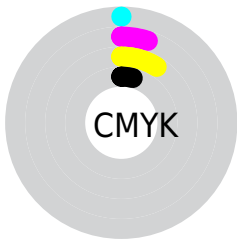
Distribution



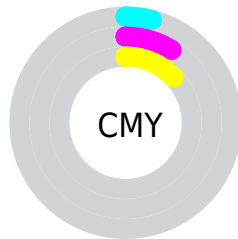
- Red (96%)
- Green (91%)
- Blue (87%)



- Red (96%)
- Yellow (96%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (4%)




- Cyan (4%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.7848, 0.3273, 0.3402 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 82.7848, 0.3273, 0.3402 by changing the saturation by 10% instead.


 82.7848, 0.3273,
0.3402

 82.7848, 0.3273,
0.3402


504.2690, 0.3207,
0.3352

 62.0126, 0.3288,
0.3413


137.2740, 0.3250,
0.3385

 45.0429, 0.3306,
0.3427

171.7599, 0.3241,
0.3378

 31.4912, 0.3329,
0.3444


211.5857, 0.3234,
0.3372

 20.9732, 0.3358,
0.3466

257.1360, 0.3227,
0.3367

 13.1044, 0.3397,
0.3495

308.7950, 0.3221,
0.3362

 7.5005, 0.3453,
0.3536

366.9473, 0.3216,

 3.7770, 0.3537,

0.3358

431.9772, 0.3211,
0.3355

0.3597

■ 1.5496, 0.3679,
0.3698

■ 0.3233, 0.5225,
0.4775

■ 82.7848, 0.3273,
0.3402

■ 82.7848, 0.3273,
0.3402

■ 74.8740, 0.3457,
0.3533

■ 91.3742, 0.3112,
0.3278

■ 67.6130, 0.3666,
0.3668

■ 97.9805, 0.3060,
0.3290

■ 60.9867, 0.3899,
0.3803

■ 54.9755, 0.4156,
0.3931

■ 49.5583, 0.4429,
0.4041

■ 44.7125, 0.4709,
0.4121

■ 40.4135, 0.4978,
0.4157

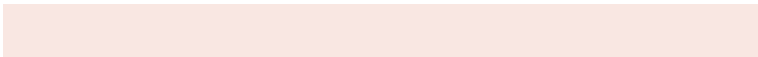
■ 36.6336, 0.5219,
0.4141

■ 33.3370, 0.5420,
0.4071

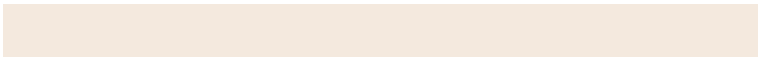
Harmonies

Analogous

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



82.7848, 0.3283, 0.3346



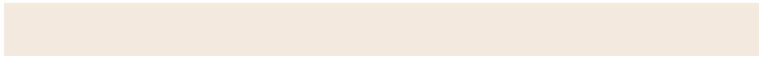
82.7848, 0.3273, 0.3402



82.7848, 0.3224, 0.3429

Triad

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



82.7848, 0.3273, 0.3402



82.7848, 0.3006, 0.3302



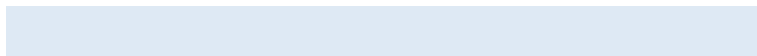
82.7848, 0.3103, 0.3167

Complementary

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



82.7848, 0.3273, 0.3402



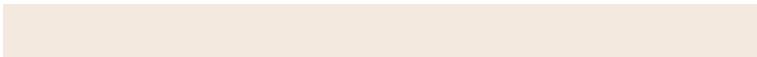
80.3950, 0.2987, 0.3175

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.



82.7848, 0.3030, 0.3154



82.7848, 0.3273, 0.3402



82.7848, 0.2974, 0.3231

Square

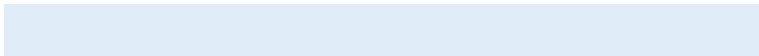
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.7848, 0.3273, 0.3402



82.7848, 0.3070, 0.3371



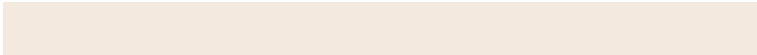
82.7848, 0.2983, 0.3177



82.7848, 0.3184, 0.3212

Rectangle

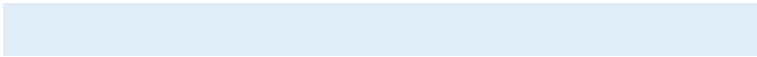
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.7848, 0.3273, 0.3402



82.7848, 0.3176, 0.3425



82.7848, 0.2983, 0.3177



82.7848, 0.3077, 0.3159

Sweetspot

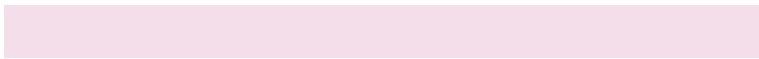
The Sweet Spot groups the original color and five complimentary colors.



82.7884, 0.3273, 0.3402



97.0905, 0.3174, 0.3327



77.4073, 0.3208, 0.3175



20.6174, 0.3187, 0.3337



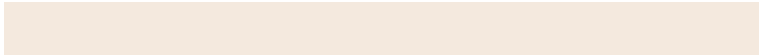
0.0000, 0.0000, 0.0000



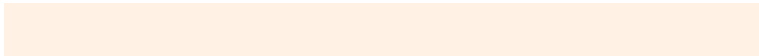
21.4041, 0.3127, 0.3290

Same Dimension

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



82.7884, 0.3273, 0.3402



89.6633, 0.3308, 0.3428



89.0218, 0.3262, 0.3508



17.8455, 0.3281, 0.3408



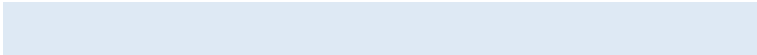
18.2295, 0.5414, 0.4083



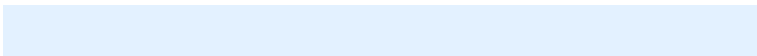
1.8076, 0.5220, 0.4237

Inverse Universe

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



80.3950, 0.2987, 0.3175



86.4743, 0.2955, 0.3148



74.5247, 0.2987, 0.3062



17.3019, 0.2980, 0.3169



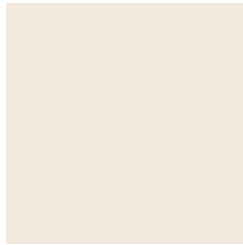
11.4640, 0.1773, 0.1584



1.2132, 0.1836, 0.1810

Previews

White Background



This preview shows how the Yxy color 82.7848, 0.3273, 0.3402 looks on a white background.

Color Contrast Check

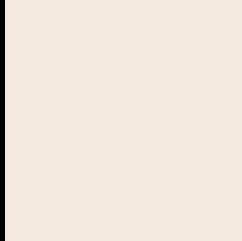
Large Text (above 18pt) WCAG AA × Fail

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 82.7848, 0.3273, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

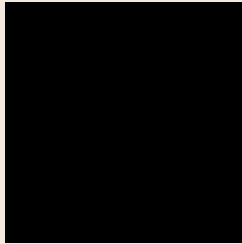
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

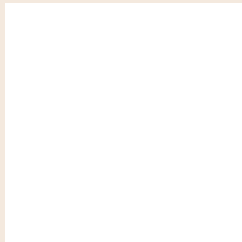
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.7848, 0.3273, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 82.7848, 0.3273, 0.3402.

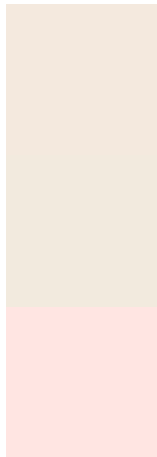


This preview shows how white text looks on a background with the Yxy color 82.7848, 0.3273, 0.3402.

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

82.7848, 0.3273, 0.3402

Protanopia

82.9968, 0.3258, 0.3413

Deuteranopia

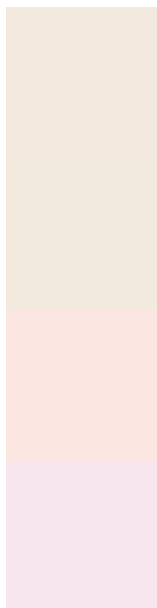
82.7896, 0.3328, 0.3320



Tritanopia

82.7105, 0.3142, 0.3112

Trichromacy



Original Color

82.7848, 0.3273, 0.3402

Protanomaly

83.1743, 0.3265, 0.3413

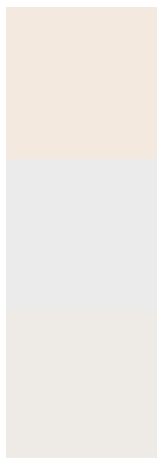
Deuteranomaly

82.5391, 0.3306, 0.3341

Tritanomaly

82.5408, 0.3193, 0.3210

Monochromacy



Original Color

82.7848, 0.3273, 0.3402

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.7360, 0.3179, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.7848, 0.3273, 0.3402 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, 233, 222)` looks like.

```
.text, #text, p{  
    color:rgb(244, 233, 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(244, 233, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 233, 222) }
```

Border

The CSS property to change the border of an element to Yxy 82.7848, 0.3273, 0.3402 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, 233, 222) }
```

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

```
.border{ border-color:rgb(244, 233, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 233, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 233, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 233, 222);  
box-shadow:4px 4px 4px 4px rgb(244, 233,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 82.7848, 0.3273, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 233, 222) }
```

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

```
.background{ background-color: rgb(244,  
233, 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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