

Converting Colors

$Y_{xy}(82.1012, 0.3291, 0.3389)$

Have a look what the booklet for
Yxy(82.1012, 0.3291, 0.3389)
contains.

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Color

Yxy(82.0186, 0.3289, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	F6E7DE
RGB	246, 231, 222
RGB Percent	96%, 91%, 87%
CMY	0.0353, 0.0941, 0.1294
CMYK	0.00, 0.06, 0.10, 0.04
HSL	23°, 57%, 92%
HSV	23°, 10%, 96%
XYZ	79.7632, 82.0186, 80.7333
YIQ	234.4590, 11.8290, 0.3810

Conversions

Conversions Part 2

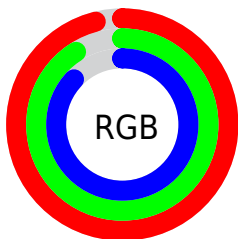
Format	Color
R _Y B	246, 236, 222
Decimal	16181214
CIE Lab	92.58, 3.59, 6.19
CIE LCh	93, 7.157, 59.904
Yxy	82.0186, 0.3289, 0.3382
Android (android.graphics.Color)	4294371294 (0xFFFF6E7DE)
YUV	234.4590, -6.1423, 10.1215
Hunter-Lab	90.5641, -1.2756, 10.5409

Details

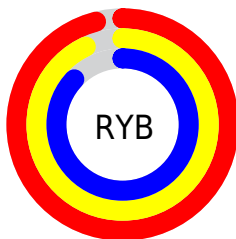
The Yxy color **82.0186, 0.3289, 0.3382** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.7382, 0.2976, 0.3196**, and the grayscale version is **82.6872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.3971, 0.3329, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **72.5735, 0.3483, 0.3482**, and if you desaturate by 10%, it is **92.4178, 0.3123, 0.3288**.

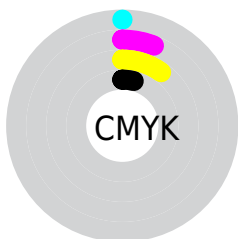
Distribution



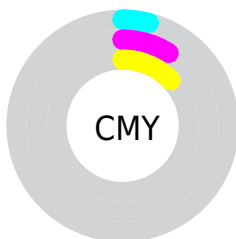
- Red (96%)
- Green (91%)
- Blue (87%)



- Red (96%)
- Yellow (93%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.0186, 0.3289, 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 82.0186, 0.3289, 0.3382 by changing the saturation by 10% instead.


 82.0186, 0.3289,
0.3382

 82.0186, 0.3289,
0.3382


501.7099, 0.3215,
0.3341

 61.3809, 0.3306,
0.3391

136.2001, 0.3264,
0.3368

 44.5326, 0.3326,
0.3402


170.5126, 0.3254,
0.3362

 31.0894, 0.3351,
0.3416

210.1522, 0.3245,
0.3358

 20.6670, 0.3384,
0.3434

255.5033, 0.3238,
0.3353

 12.8808, 0.3428,
0.3458

306.9502, 0.3231,
0.3350

 7.3465, 0.3491,
0.3490

364.8773, 0.3225,

 3.6797, 0.3586,

0.3346

0.3539

429.6691, 0.3220,
0.3343

■ 1.4961, 0.3748,
0.3618

■ 0.2860, 0.5569,
0.4431

■ 82.0186, 0.3289,
0.3382

■ 82.0186, 0.3289,
0.3382

■ 72.5735, 0.3483,
0.3482

■ 92.4178, 0.3123,
0.3288

■ 64.0441, 0.3709,
0.3586

■ 98.3307, 0.3072,
0.3290

■ 56.4051, 0.3970,
0.3689

■ 49.6259, 0.4264,
0.3785

■ 43.6738, 0.4587,
0.3864

■ 38.5141, 0.4925,
0.3914

■ 34.1087, 0.5255,
0.3921

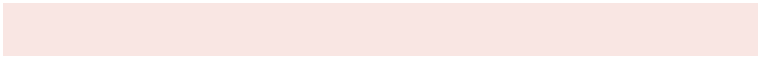
■ 30.4159, 0.5550,
0.3876

■ 27.3819, 0.5789,
0.3783

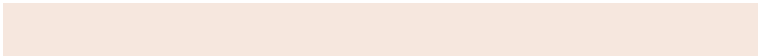
Harmonies

Analogous

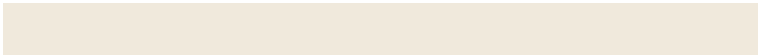
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0186, 0.3278, 0.3315



82.0186, 0.3289, 0.3382



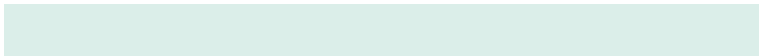
82.0186, 0.3256, 0.3426

Triad

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



82.0186, 0.3289, 0.3382



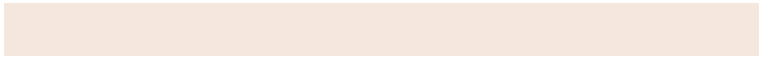
82.0186, 0.3029, 0.3338



82.0186, 0.3064, 0.3152

Complementary

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



82.0186, 0.3289, 0.3382



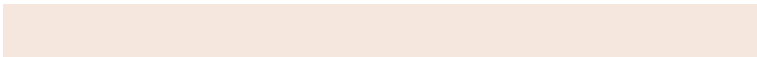
82.7382, 0.2976, 0.3196

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.



82.0186, 0.2999, 0.3156



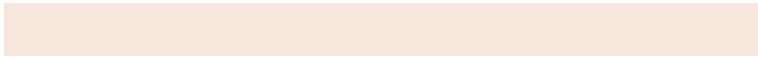
82.0186, 0.3289, 0.3382



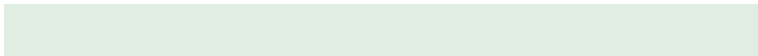
82.0186, 0.2979, 0.3262

Square

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



82.0186, 0.3289, 0.3382



82.0186, 0.3106, 0.3401



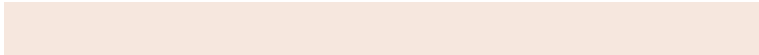
82.0186, 0.2968, 0.3196



82.0186, 0.3147, 0.3183

Rectangle

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



82.0186, 0.3289, 0.3382



82.0186, 0.3214, 0.3435



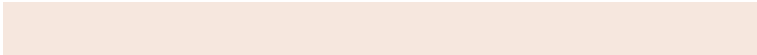
82.0186, 0.2968, 0.3196



82.0186, 0.3040, 0.3149

Sweetspot

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



82.0222, 0.3289, 0.3382



96.5072, 0.3174, 0.3318



77.9589, 0.3196, 0.3137



20.4601, 0.3187, 0.3325



0.0000, 0.0000, 0.0000



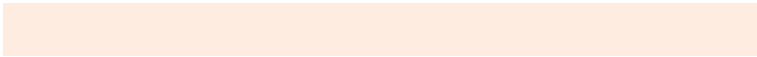
21.4041, 0.3127, 0.3290

Same Dimension

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



82.0222, 0.3289, 0.3382



86.5933, 0.3330, 0.3404



88.8400, 0.3276, 0.3499



17.5024, 0.3284, 0.3379



14.8283, 0.5765, 0.3804



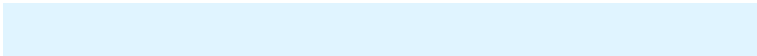
1.4941, 0.5530, 0.3991

Inverse Universe

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



82.7382, 0.2976, 0.3196



87.5358, 0.2940, 0.3173



76.1405, 0.2975, 0.3072



17.6507, 0.2980, 0.3199



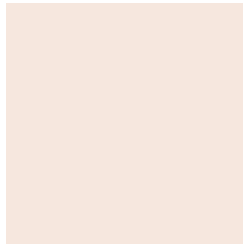
16.0952, 0.1892, 0.2010



1.6118, 0.1941, 0.2188

Previews

White Background



This preview shows how the Yxy color 82.0186, 0.3289, 0.3382 looks on a white background.

Color Contrast Check

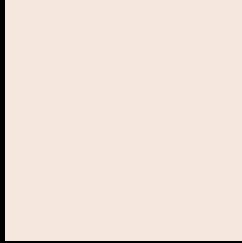
Large Text (above 18pt) WCAG AA × Fail

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 82.0186, 0.3289, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

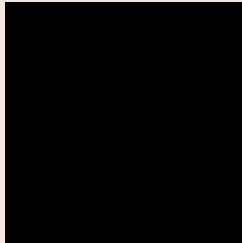
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

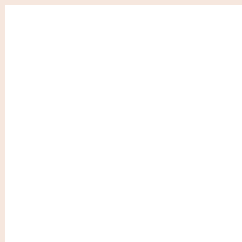
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.0186, 0.3289, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 82.0186, 0.3289, 0.3382.

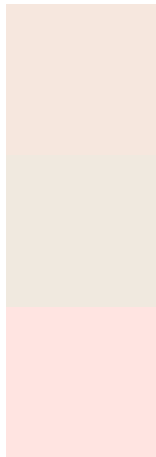


This preview shows how white text looks on a background with the Yxy color 82.0186, 0.3289, 0.3382.

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

82.0186, 0.3289, 0.3382

Protanopia

82.1308, 0.3239, 0.3393

Deuteranopia

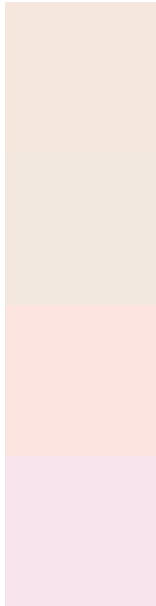
82.1830, 0.3336, 0.3321



Tritanopia

81.6705, 0.3163, 0.3112

Trichromacy



Original Color

82.0186, 0.3289, 0.3382

Protanomaly

81.9182, 0.3253, 0.3382

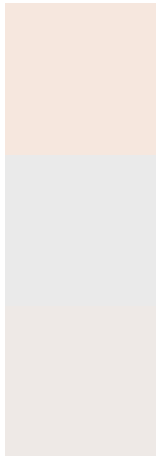
Deuteranomaly

82.1159, 0.3320, 0.3341

Tritanomaly

81.5577, 0.3207, 0.3200

Monochromacy



Original Color

82.0186, 0.3289, 0.3382

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.1681, 0.3180, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.0186, 0.3289, 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(246, 231, 222)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 231, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 231, 222) }
```

Border

The CSS property to change the border of an element to Yxy 82.0186, 0.3289, 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(246, 231, 222) }
```

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

```
.border{ border-color:rgb(246, 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(246, 231, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 231, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 231, 222);  
box-shadow:4px 4px 4px 4px rgb(246, 231,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 82.0186, 0.3289, 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(246, 231, 222) }
```

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

```
.background{ background-color: rgb(246,  
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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