

Converting Colors

$Yxy(82.8377, 0.3301, 0.3473)$

Have a look what the booklet for
Yxy(82.8377, 0.3301, 0.3473)
contains.

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Color

Yxy(82.8582, 0.3304, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	F3EAD8
RGB	243, 234, 216
RGB Percent	95%, 92%, 85%
CMY	0.0470, 0.0823, 0.1530
CMYK	0.00, 0.04, 0.11, 0.05
HSL	40°, 53%, 90%
HSV	40°, 11%, 95%
XYZ	78.7809, 82.8582, 76.8018
YIQ	234.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

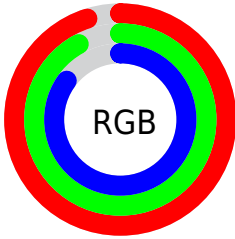
Format	Color
R_{YB}	230, 243, 216
Decimal	15985368
CIE _{Lab}	92.95, 0.05, 9.82
CIE _{LCh}	93, 9.816, 89.691
Yxy	82.8582, 0.3304, 0.3475
Android (android.graphics.Color)	4294175448 (0xFFFF3EAD8)
YUV	234.6390, -9.1890, 7.3326
Hunter-Lab	91.0265, -4.8096, 13.6938

Details

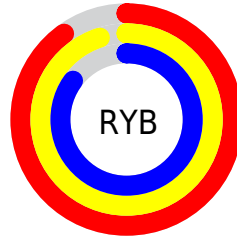
The Yxy color **82.8582, 0.3304, 0.3475** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.9195, 0.2953, 0.3098**, and the grayscale version is **82.8566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.9788, 0.3348, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **77.1890, 0.3480, 0.3649**, and if you desaturate by 10%, it is **88.9314, 0.3144, 0.3308**.

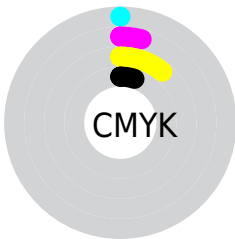
Distribution



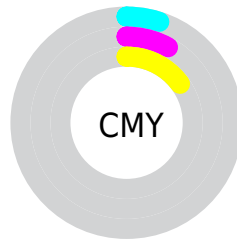
- Red (95%)
- Green (92%)
- Blue (85%)



- Red (90%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.8582, 0.3304, 0.3475 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 82.8582, 0.3304, 0.3475 by changing the saturation by 10% instead.

82.8582, 0.3304,
0.3475

82.8582, 0.3304,
0.3475

504.5138, 0.3224,
0.3391

62.0732, 0.3322,
0.3494

137.3768, 0.3277,
0.3446

45.0918, 0.3344,
0.3517

171.8793, 0.3266,
0.3435

31.5298, 0.3371,
0.3545

211.7229, 0.3257,
0.3425

21.0026, 0.3406,
0.3582

257.2922, 0.3248,
0.3417

13.1259, 0.3453,
0.3631

308.9716, 0.3241,
0.3409

7.5153, 0.3520,
0.3700

367.1454, 0.3235,

3.7864, 0.3619,

0.3403

0.3804

432.1980, 0.3229,
0.3397

■ 1.5548, 0.3785,
0.3977

■ 0.3268, 0.4883,
0.5117

■ 82.8582, 0.3304,
0.3475

■ 82.8582, 0.3304,
0.3475

■ 77.1890, 0.3480,
0.3649

■ 88.9314, 0.3144,
0.3308

■ 71.9020, 0.3672,
0.3827

■ 94.7745, 0.3055,
0.3243

■ 66.9893, 0.3877,
0.4001

■ 97.7962, 0.3054,
0.3290

■ 62.4385, 0.4089,
0.4164

■ 58.2362, 0.4301,
0.4304

■ 54.3679, 0.4503,
0.4410

■ 50.8169, 0.4685,
0.4472

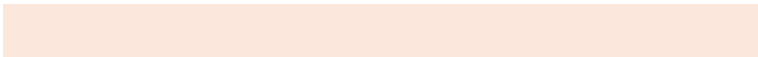
■ 47.5643, 0.4838,
0.4483

■ 44.8997, 0.4948,
0.4453

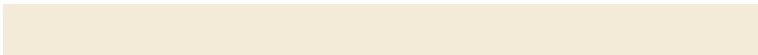
Harmonies

Analogous

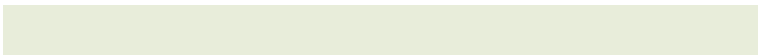
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8582, 0.3349, 0.3414



82.8582, 0.3304, 0.3475



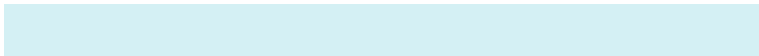
82.8582, 0.3212, 0.3486

Triad

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



82.8582, 0.3304, 0.3475



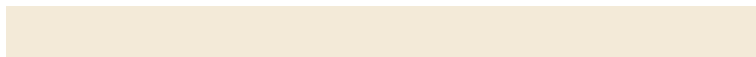
82.8582, 0.2925, 0.3252



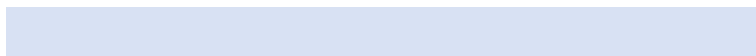
82.8582, 0.3154, 0.3145

Complementary

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



82.8582, 0.3304, 0.3475



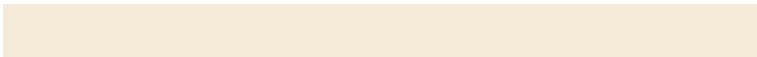
74.9195, 0.2953, 0.3098

Split Complementary

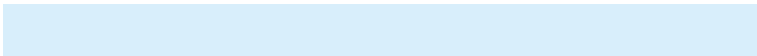
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8582, 0.3040, 0.3102



82.8582, 0.3304, 0.3475



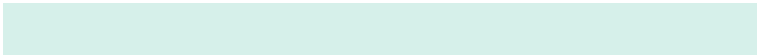
82.8582, 0.2910, 0.3161

Square

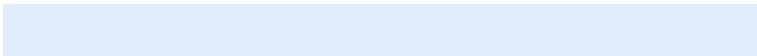
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



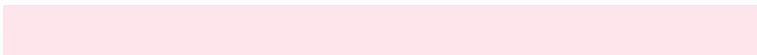
82.8582, 0.3304, 0.3475



82.8582, 0.2994, 0.3356



82.8582, 0.2952, 0.3107



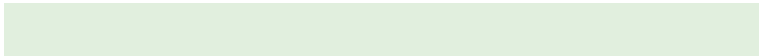
82.8582, 0.3261, 0.3225

Rectangle

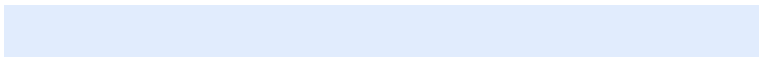
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



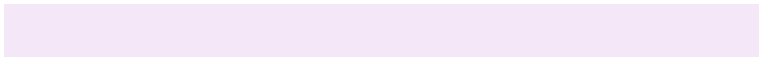
82.8582, 0.3304, 0.3475



82.8582, 0.3136, 0.3463



82.8582, 0.2952, 0.3107



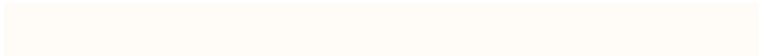
82.8582, 0.3115, 0.3125

Sweetspot

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



82.8618, 0.3304, 0.3475



97.9009, 0.3173, 0.3339



73.6013, 0.3263, 0.3197



20.8362, 0.3185, 0.3352



0.0000, 0.0000, 0.0000



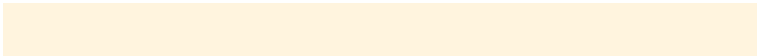
21.4041, 0.3127, 0.3290

Same Dimension

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



82.8618, 0.3304, 0.3475



91.1973, 0.3337, 0.3508



87.3289, 0.3263, 0.3567



18.3285, 0.3277, 0.3447



24.8987, 0.4933, 0.4465



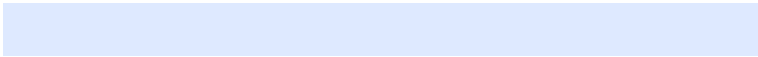
2.3768, 0.4816, 0.4558

Inverse Universe

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



74.9195, 0.2953, 0.3098



80.9470, 0.2922, 0.3062



70.8737, 0.2982, 0.3003



16.8292, 0.2980, 0.3128



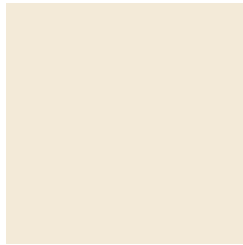
7.0021, 0.1633, 0.1078



0.7967, 0.1702, 0.1326

Previews

White Background



This preview shows how the Yxy color 82.8582, 0.3304, 0.3475 looks on a white background.

Color Contrast Check

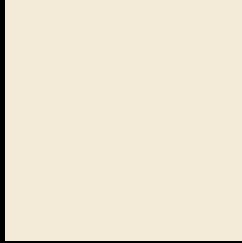
Large Text (above 18pt) WCAG AA × Fail

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 82.8582, 0.3304, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

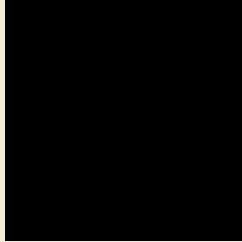
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

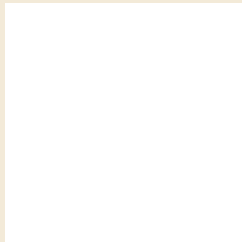
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.8582, 0.3304, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 82.8582, 0.3304, 0.3475.

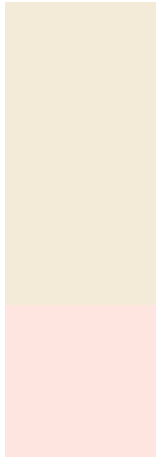


This preview shows how white text looks on a background with the Yxy color 82.8582, 0.3304, 0.3475.

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

82.8582, 0.3304, 0.3475

Protanopia

82.8582, 0.3304, 0.3475

Deuteranopia

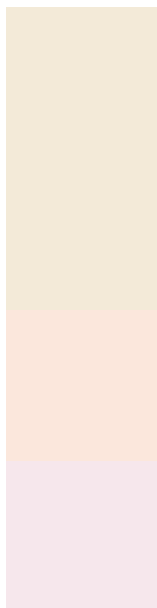
82.6263, 0.3349, 0.3350



Tritanopia

82.5282, 0.3136, 0.3112

Trichromacy



Original Color

82.8582, 0.3304, 0.3475

Protanomaly

82.8582, 0.3304, 0.3475

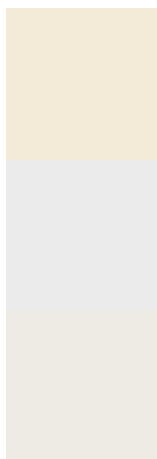
Deuteranomaly

82.8284, 0.3338, 0.3401

Tritanomaly

82.8008, 0.3198, 0.3240

Monochromacy



Original Color

82.8582, 0.3304, 0.3475

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.1952, 0.3191, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.8582, 0.3304, 0.3475 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(243, 234, 216)` looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 216)  
}
```

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(243, 234, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 216) }
```

Border

The CSS property to change the border of an element to Yxy 82.8582, 0.3304, 0.3475 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(243, 234, 216) }
```

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

```
.border{ border-color:rgb(243, 234, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 234, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 216);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 82.8582, 0.3304, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 234, 216) }
```

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

```
.background{ background-color: rgb(243,  
234, 216) }
```

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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