

Converting Colors

$Yxy(82.4874, 0.3273, 0.3450)$

Have a look what the booklet for
Yxy(82.4874, 0.3273, 0.3450)
contains.

Yxy(82.6084, 0.3277, 0.3455)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(82.6084, 0.3277, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	F1EADA
RGB	241, 234, 218
RGB Percent	95%, 92%, 85%
CMY	0.0549, 0.0823, 0.1451
CMYK	0.00, 0.03, 0.10, 0.05
HSL	42°, 45%, 90%
HSV	42°, 10%, 95%
XYZ	78.3525, 82.6084, 78.1373
YIQ	234.2690, 9.3080, -3.4920

Conversions

Conversions Part 2

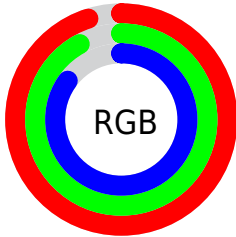
Format	Color
R _Y B	228, 241, 218
Decimal	15854298
CIE Lab	92.84, -0.33, 8.60
CIE LCh	93, 8.607, 92.181
Yxy	82.6084, 0.3277, 0.3455
Android (android.graphics.Color)	4294044378 (0xFF F1EADA)
YUV	234.2690, -8.0206, 5.9031
Hunter-Lab	90.8892, -5.1773, 12.6509

Details

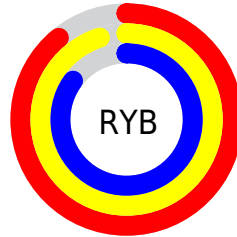
The Yxy color **82.6084, 0.3277, 0.3455** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.0978, 0.2979, 0.3119**, and the grayscale version is **82.5523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7994, 0.3313, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **77.3546, 0.3449, 0.3636**, and if you desaturate by 10%, it is **88.2254, 0.3120, 0.3282**.

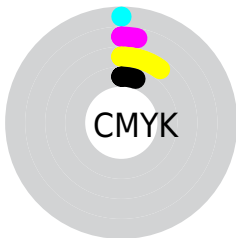
Distribution



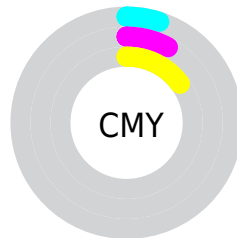
- Red (95%)
- Green (92%)
- Blue (85%)



- Red (89%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.6084, 0.3277, 0.3455 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 82.6084, 0.3277, 0.3455 by changing the saturation by 10% instead.

82.6084, 0.3277,
0.3455

82.6084, 0.3277,
0.3455

503.6805, 0.3209,
0.3380

61.8672, 0.3292,
0.3472

137.0269, 0.3254,
0.3429

44.9254, 0.3311,
0.3492

171.4729, 0.3245,
0.3419

31.3986, 0.3334,
0.3518

211.2559, 0.3237,
0.3411

20.9026, 0.3364,
0.3551

256.7604, 0.3230,
0.3403

13.0528, 0.3404,
0.3595

308.3707, 0.3224,
0.3396

7.4649, 0.3460,
0.3657

366.4712, 0.3218,

3.7545, 0.3545,

0.3390

0.3751

431.4463, 0.3214,
0.3385

■ 1.5372, 0.3685,
0.3908

■ 0.3147, 0.4805,
0.5195

■ 82.6084, 0.3277,
0.3455

■ 82.6084, 0.3277,
0.3455

■ 77.3546, 0.3449,
0.3636

■ 88.2254, 0.3120,
0.3282

■ 72.4433, 0.3635,
0.3820

■ 93.4623, 0.3042,
0.3228

■ 67.8674, 0.3832,
0.4002

■ 97.4412, 0.3041,
0.3290

■ 63.6157, 0.4036,
0.4173

■ 59.6761, 0.4238,
0.4323

■ 56.0350, 0.4431,
0.4441

■ 52.6774, 0.4604,
0.4515

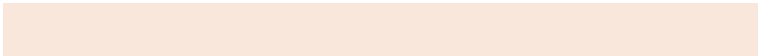
■ 49.5860, 0.4749,
0.4540

■ 46.7340, 0.4863,
0.4518

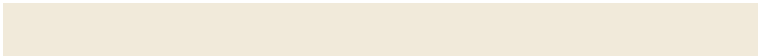
Harmonies

Analogous

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



82.6084, 0.3320, 0.3405



82.6084, 0.3277, 0.3455



82.6084, 0.3194, 0.3460

Triad

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



82.6084, 0.3277, 0.3455



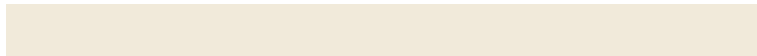
82.6084, 0.2947, 0.3249



82.6084, 0.3159, 0.3167

Complementary

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



82.6084, 0.3277, 0.3455



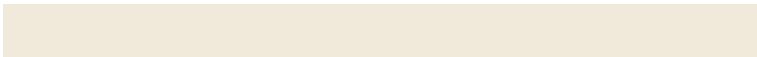
75.0978, 0.2979, 0.3119

Split Complementary

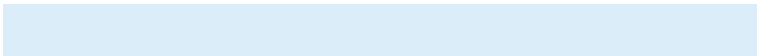
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6084, 0.3059, 0.3126



82.6084, 0.3277, 0.3455



82.6084, 0.2938, 0.3172

Square

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



82.6084, 0.3277, 0.3455



82.6084, 0.3003, 0.3340



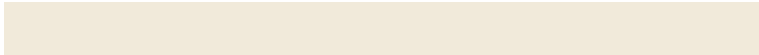
82.6084, 0.2978, 0.3127



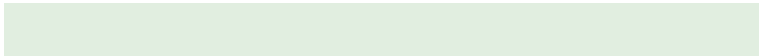
82.6084, 0.3252, 0.3240

Rectangle

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



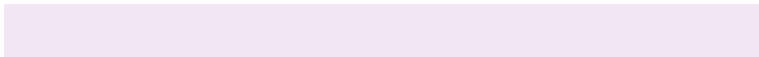
82.6084, 0.3277, 0.3455



82.6084, 0.3127, 0.3437



82.6084, 0.2978, 0.3127



82.6084, 0.3125, 0.3149

Sweetspot

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



82.6120, 0.3277, 0.3455



98.0422, 0.3173, 0.3341



74.2904, 0.3244, 0.3215



20.8744, 0.3185, 0.3355



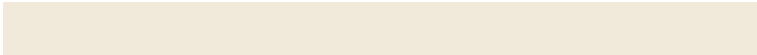
0.0000, 0.0000, 0.0000



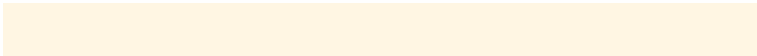
21.4041, 0.3127, 0.3290

Same Dimension

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



82.6120, 0.3277, 0.3455



93.0028, 0.3302, 0.3481



85.9406, 0.3241, 0.3527



17.6006, 0.3276, 0.3454



25.5235, 0.4854, 0.4528



2.2977, 0.4746, 0.4614

Inverse Universe

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



75.0978, 0.2979, 0.3119



83.2331, 0.2955, 0.3091



72.0515, 0.3007, 0.3046



16.0123, 0.2980, 0.3121



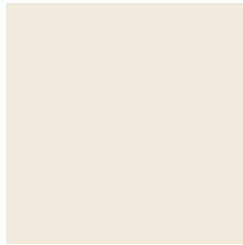
6.2543, 0.1613, 0.1008



0.6891, 0.1685, 0.1265

Previews

White Background



This preview shows how the Yxy color 82.6084, 0.3277, 0.3455 looks on a white background.

Color Contrast Check

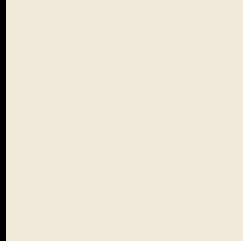
Large Text (above 18pt) WCAG AA × Fail

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 82.6084, 0.3277, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

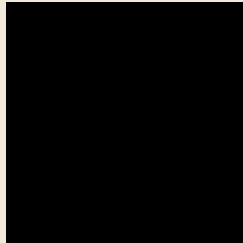
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

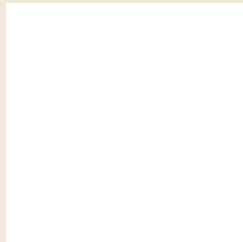
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.6084, 0.3277, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 82.6084, 0.3277, 0.3455.

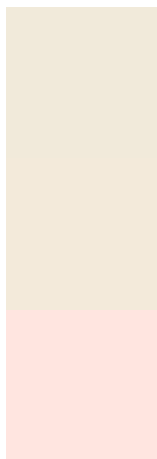


This preview shows how white text looks on a background with the Yxy color 82.6084, 0.3277, 0.3455.

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

82.6084, 0.3277, 0.3455

Protanopia

82.9623, 0.3291, 0.3454

Deuteranopia

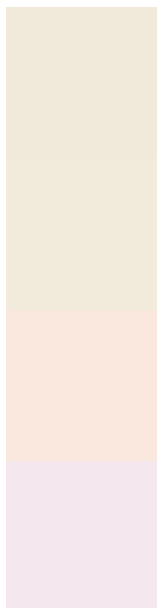
82.6804, 0.3342, 0.3340



Tritanopia

82.7834, 0.3115, 0.3111

Trichromacy



Original Color

82.6084, 0.3277, 0.3455

Protanomaly

82.7848, 0.3284, 0.3455

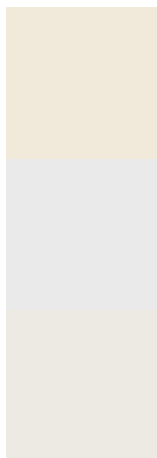
Deuteranomaly

82.7497, 0.3317, 0.3381

Tritanomaly

82.4993, 0.3178, 0.3230

Monochromacy



Original Color

82.6084, 0.3277, 0.3455

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.4516, 0.3185, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6084, 0.3277, 0.3455 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(241, 234, 218)` looks like.

```
.text, #text, p{  
    color:rgb(241, 234, 218)  
}
```

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(241, 234, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 234, 218) }
```

Border

The CSS property to change the border of an element to Yxy 82.6084, 0.3277, 0.3455 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(241, 234, 218) }
```

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

```
.border{ border-color:rgb(241, 234, 218) }
```

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

Here you see how a box with a 4 pixel rgb(241, 234, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 234, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 234, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 234,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6084, 0.3277, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 234, 218) }
```

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

```
.background{ background-color: rgb(241,  
234, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor