

Converting Colors

$Yxy(89.0197, 0.3250, 0.3480)$

Have a look what the booklet for
Yxy(89.0197, 0.3250, 0.3480)
contains.

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Color

Yxy(88.7161, 0.3250, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	F4F3E0
RGB	244, 243, 224
RGB Percent	96%, 95%, 88%
CMY	0.0432, 0.0470, 0.1217
CMYK	0.00, 0.00, 0.08, 0.04
HSL	57°, 48%, 92%
HSV	57°, 8%, 96%
XYZ	82.8051, 88.7161, 83.2637
YIQ	241.1330, 6.6950, -5.6970

Conversions

Conversions Part 2

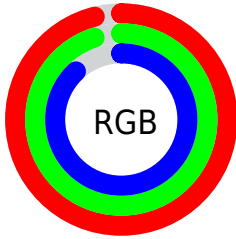
Format	Color
R _Y B	225, 244, 224
Decimal	16053216
CIE Lab	95.46, -2.90, 9.28
CIE LCh	95, 9.725, 107.340
Yxy	88.7161, 0.3250, 0.3482
Android (android.graphics.Color)	4294243296 (0xFFFF4F3E0)
YUV	241.1330, -8.4466, 2.5144
Hunter-Lab	94.1892, -7.9055, 13.5198

Details

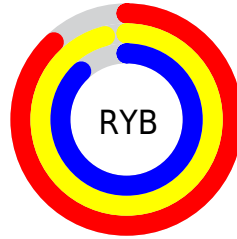
The Yxy color **88.7161, 0.3250, 0.3482** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.1934, 0.3000, 0.3090**, and the grayscale version is **88.1362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0966, 0.3277, 0.3523** is the 20% darker color. If you saturate the color by 10%, you get **86.7880, 0.3405, 0.3723**, and if you desaturate by 10%, it is **90.8464, 0.3101, 0.3249**.

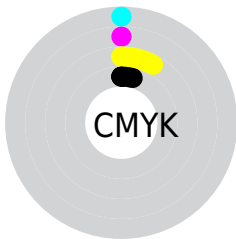
Distribution



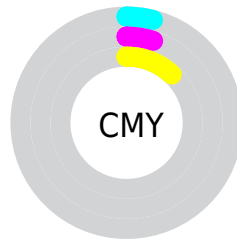
- Red (96%)
- Green (95%)
- Blue (88%)



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



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



- Cyan (4%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.7161, 0.3250, 0.3482 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 88.7161, 0.3250, 0.3482 by changing the saturation by 10% instead.

88.7161, 0.3250,
0.3482

88.7161, 0.3250,
0.3482

523.8455, 0.3195,
0.3396

66.9163, 0.3262,
0.3501

145.5537, 0.3231,
0.3453

49.0166, 0.3277,
0.3524

181.3603, 0.3224,
0.3441

34.6326, 0.3295,
0.3554

222.6046, 0.3218,
0.3431

23.3800, 0.3318,
0.3591

269.6710, 0.3212,
0.3422

14.8744, 0.3348,
0.3641

322.9439, 0.3207,
0.3414

8.7313, 0.3390,
0.3710

382.8076, 0.3203,

4.5663, 0.3451,

0.3408

0.3813

449.6467, 0.3199,
0.3401

■ 1.9951, 0.3548,
0.3983

■ 0.6046, 0.4508,
0.5409

■ 88.7161, 0.3250,
0.3482

■ 88.7161, 0.3250,
0.3482

■ 86.7880, 0.3405,
0.3723

■ 90.8464, 0.3101,
0.3249

■ 85.0423, 0.3562,
0.3965


■ 91.9767, 0.3062,
0.3196


■ 83.4745, 0.3717,
0.4200


■ 92.6922, 0.3061,
0.3207


■ 82.0751, 0.3863,
0.4418


■ 93.4122, 0.3061,
0.3219


 80.8338, 0.3994,
0.4610

 94.1367, 0.3061,
0.3230

 79.7395, 0.4103,
0.4767


 94.8658, 0.3061,
0.3242

 78.7791, 0.4188,
0.4881

 95.5995, 0.3060,
0.3253

 77.9374, 0.4245,
0.4950

 96.3377, 0.3060,
0.3265

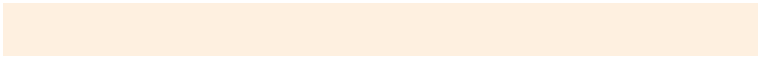
 77.1932, 0.4277,
0.4979

 97.0805, 0.3060,
0.3276

Harmonies

Analogous

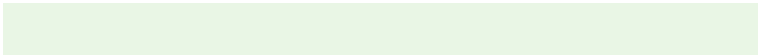
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7161, 0.3323, 0.3450



88.7161, 0.3250, 0.3482



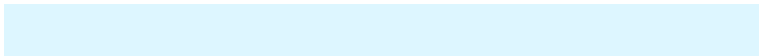
88.7161, 0.3145, 0.3461

Triad

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



88.7161, 0.3250, 0.3482



88.7161, 0.2916, 0.3198



88.7161, 0.3217, 0.3191

Complementary

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



88.7161, 0.3250, 0.3482



76.1934, 0.3000, 0.3090

Split Complementary

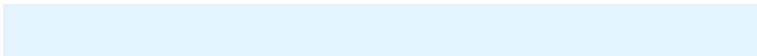
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.7161, 0.3107, 0.3127



88.7161, 0.3250, 0.3482



88.7161, 0.2934, 0.3129

Square

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



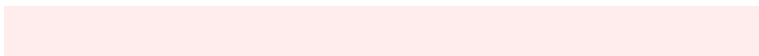
88.7161, 0.3250, 0.3482



88.7161, 0.2953, 0.3295



88.7161, 0.3004, 0.3104



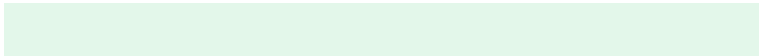
88.7161, 0.3304, 0.3282

Rectangle

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



88.7161, 0.3250, 0.3482



88.7161, 0.3071, 0.3419



88.7161, 0.3004, 0.3104



88.7161, 0.3181, 0.3166

Sweetspot

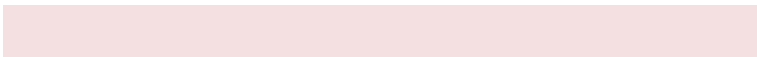
The Sweet Spot groups the original color and five complimentary colors.



88.7200, 0.3250, 0.3482



99.5191, 0.3157, 0.3336



77.9639, 0.3262, 0.3280



21.3062, 0.3155, 0.3334



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.



88.7200, 0.3250, 0.3482



97.6832, 0.3278, 0.3526



87.7279, 0.3189, 0.3495



19.1685, 0.3270, 0.3513



41.9713, 0.4280, 0.4984



3.7303, 0.4268, 0.4993

Inverse Universe

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



76.1934, 0.3000, 0.3090



80.9609, 0.2970, 0.3043



77.1499, 0.3061, 0.3084



16.0548, 0.2979, 0.3057



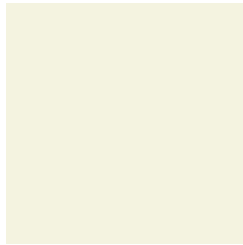
3.7464, 0.1508, 0.0630



0.3735, 0.1529, 0.0704

Previews

White Background



This preview shows how the Yxy color 88.7161, 0.3250, 0.3482 looks on a white background.

Color Contrast Check

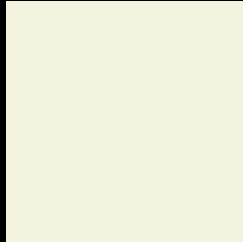
Large Text (above 18pt) WCAG AA × Fail

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 88.7161, 0.3250, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

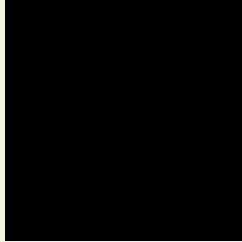
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

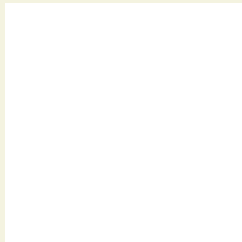
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7161, 0.3250, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 88.7161, 0.3250, 0.3482.

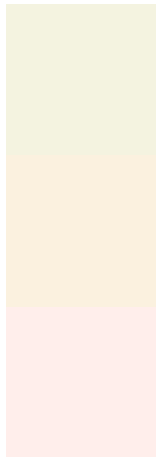


This preview shows how white text looks on a background with the Yxy color 88.7161, 0.3250, 0.3482.

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

88.7161, 0.3250, 0.3482

Protanopia

88.7475, 0.3306, 0.3470

Deuteranopia

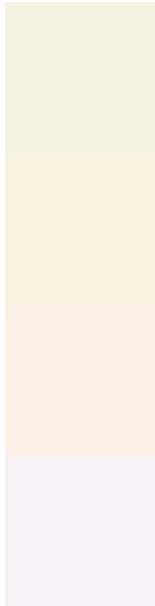
88.4072, 0.3260, 0.3320



Tritanopia

88.9095, 0.3089, 0.3134

Trichromacy



Original Color

88.7161, 0.3250, 0.3482

Protanomaly

88.7884, 0.3284, 0.3480

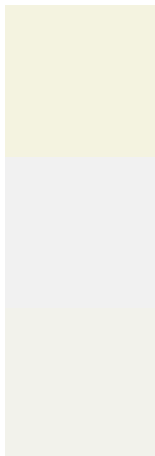
Deuteranomaly

88.5989, 0.3256, 0.3379

Tritanomaly

88.6260, 0.3149, 0.3251

Monochromacy



Original Color

88.7161, 0.3250, 0.3482

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.3797, 0.3170, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7161, 0.3250, 0.3482 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, 243, 224)` looks like.

```
.text, #text, p{  
    color:rgb(244, 243, 224)  
}
```

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, 243, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 243, 224) }
```

Border

The CSS property to change the border of an element to Yxy 88.7161, 0.3250, 0.3482 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, 243, 224) }
```

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

```
.border{ border-color:rgb(244, 243, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 243, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 243, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 243, 224);  
box-shadow:4px 4px 4px 4px rgb(244, 243,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7161, 0.3250, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 243, 224) }
```

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

```
.background{ background-color: rgb(244,  
243, 224) }
```

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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