

Converting Colors

Yxy(82.0449, 0.3239, 0.3422)

Have a look what the booklet for
Yxy(82.0449, 0.3239, 0.3422)
contains.

Yxy(82.2432, 0.3237, 0.3425)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(82.2432, 0.3237, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	EEEADD
RGB	238, 234, 221
RGB Percent	93%, 92%, 87%
CMY	0.0667, 0.0823, 0.1335
CMYK	0.00, 0.02, 0.07, 0.07
HSL	46°, 33%, 90%
HSV	46°, 7%, 93%
XYZ	77.7288, 82.2432, 80.1541
YIQ	233.7140, 6.5570, -3.1950

Conversions

Conversions Part 2

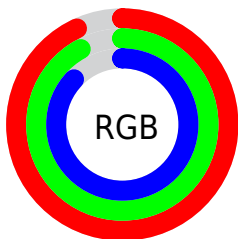
Format	Color
R _Y B	226, 238, 221
Decimal	15657693
CIE Lab	92.68, -0.88, 6.80
CIE LCh	93, 6.853, 97.397
Yxy	82.2432, 0.3237, 0.3425
Android (android.graphics.Color)	4293847773 (0xFFEEEEADD)
YUV	233.7140, -6.2680, 3.7588
Hunter-Lab	90.6880, -5.7115, 11.0785

Details

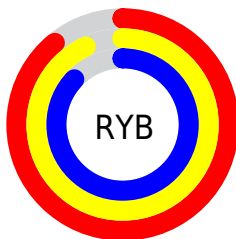
The Yxy color **82.2432, 0.3237, 0.3425** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3608, 0.3017, 0.3151**, and the grayscale version is **82.0966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5390, 0.3261, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **77.9440, 0.3401, 0.3621**, and if you desaturate by 10%, it is **86.8292, 0.3085, 0.3238**.

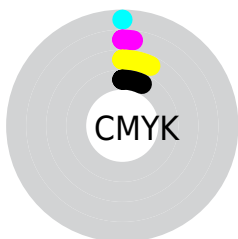
Distribution



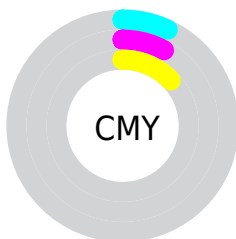
- Red (93%)
- Green (92%)
- Blue (87%)



- Red (89%)
- Yellow (93%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.2432, 0.3237, 0.3425 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 82.2432, 0.3237, 0.3425 by changing the saturation by 10% instead.

82.2432, 0.3237,
0.3425

82.2432, 0.3237,
0.3425

502.4608, 0.3187,
0.3364

61.5660, 0.3248,
0.3439

136.5150, 0.3220,
0.3404

44.6821, 0.3262,
0.3456

170.8784, 0.3213,
0.3396

31.2071, 0.3279,
0.3477

210.5727, 0.3207,
0.3389

20.7566, 0.3301,
0.3504

255.9822, 0.3202,
0.3382

12.9462, 0.3330,
0.3541

307.4914, 0.3198,
0.3377

7.3915, 0.3372,
0.3592

365.4846, 0.3194,

3.7081, 0.3434,

0.3372

0.3671

430.3463, 0.3190,
0.3368

■ 1.5117, 0.3538,
0.3804

■ 0.2969, 0.4675,
0.5325

■ 82.2432, 0.3237,
0.3425

■ 82.2432, 0.3237,
0.3425

■ 77.9440, 0.3401,
0.3621

■ 86.8292, 0.3085,
0.3238

■ 73.9124, 0.3577,
0.3821

■ 90.7948, 0.3024,
0.3192

■ 70.1430, 0.3760,
0.4019

■ 94.2198, 0.3024,
0.3248

■ 66.6262, 0.3946,
0.4208

■ 96.9171, 0.3023,
0.3290

■ 63.3515, 0.4129,
0.4377

■ 60.3074, 0.4299,
0.4514

■ 57.4810, 0.4449,
0.4612

■ 54.8573, 0.4572,
0.4662

■ 52.4171, 0.4664,
0.4664

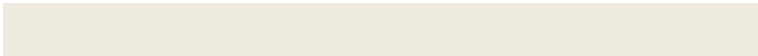
Harmonies

Analogous

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



82.2432, 0.3278, 0.3391



82.2432, 0.3237, 0.3425



82.2432, 0.3167, 0.3422

Triad

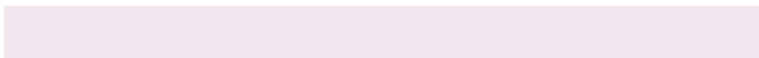
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2432, 0.3237, 0.3425



82.2432, 0.2979, 0.3246



82.2432, 0.3167, 0.3200

Complementary

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



82.2432, 0.3237, 0.3425



75.3608, 0.3017, 0.3151

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.



82.2432, 0.3086, 0.3162



82.2432, 0.3237, 0.3425



82.2432, 0.2979, 0.3187

Square

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



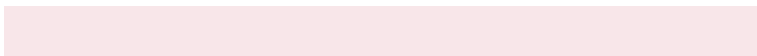
82.2432, 0.3237, 0.3425



82.2432, 0.3018, 0.3318



82.2432, 0.3018, 0.3157



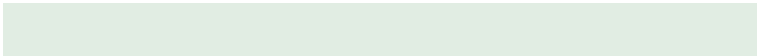
82.2432, 0.3237, 0.3262

Rectangle

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



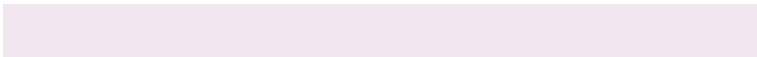
82.2432, 0.3237, 0.3425



82.2432, 0.3113, 0.3400



82.2432, 0.3018, 0.3157



82.2432, 0.3140, 0.3184

Sweetspot

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



82.2468, 0.3237, 0.3425



98.9165, 0.3157, 0.3327



75.3162, 0.3220, 0.3246



21.1836, 0.3156, 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.



82.2468, 0.3237, 0.3425



95.2289, 0.3267, 0.3461



83.8154, 0.3204, 0.3467



17.7951, 0.3274, 0.3470



29.0786, 0.4678, 0.4668



2.5690, 0.4601, 0.4729

Inverse Universe

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



75.3608, 0.3017, 0.3151



85.1976, 0.2987, 0.3113



73.9067, 0.3046, 0.3110



15.8293, 0.2980, 0.3104



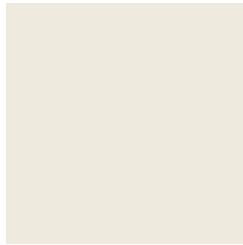
5.1703, 0.1572, 0.0858



0.5778, 0.1639, 0.1098

Previews

White Background



This preview shows how the Yxy color 82.2432, 0.3237, 0.3425 looks on a white background.

Color Contrast Check

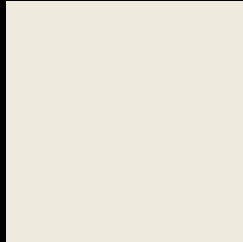
Large Text (above 18pt) WCAG AA × Fail

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 82.2432, 0.3237, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

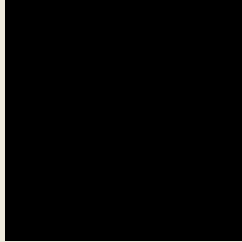
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

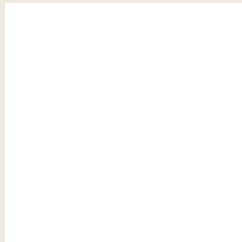
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.2432, 0.3237, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 82.2432, 0.3237, 0.3425.

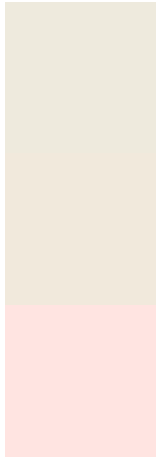


This preview shows how white text looks on a background with the Yxy color 82.2432, 0.3237, 0.3425.

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

82.2432, 0.3237, 0.3425

Protanopia

82.1459, 0.3265, 0.3424

Deuteranopia

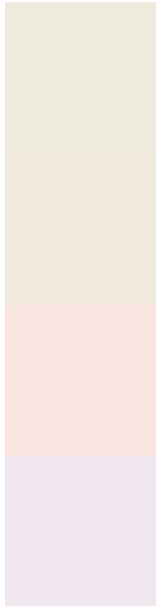
82.1830, 0.3336, 0.3321



Tritanopia

82.2482, 0.3095, 0.3110

Trichromacy



Original Color

82.2432, 0.3237, 0.3425

Protanomaly

81.9704, 0.3258, 0.3424

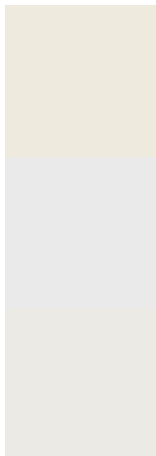
Deuteranomaly

82.1152, 0.3298, 0.3351

Tritanomaly

82.0256, 0.3151, 0.3219

Monochromacy



Original Color

82.2432, 0.3237, 0.3425

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.1649, 0.3165, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2432, 0.3237, 0.3425 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(238, 234, 221)` looks like.

```
.text, #text, p{  
    color:rgb(238, 234, 221)  
}
```

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(238, 234, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 234, 221) }
```

Border

The CSS property to change the border of an element to Yxy 82.2432, 0.3237, 0.3425 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(238, 234, 221) }
```

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

```
.border{ border-color:rgb(238, 234, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 234, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 234, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 234, 221);  
box-shadow:4px 4px 4px 4px rgb(238, 234,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2432, 0.3237, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 234, 221) }
```

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

```
.background{ background-color: rgb(238,  
234, 221) }
```

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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