

Converting Colors

Yxy(87.4614, 0.3452, 0.3821)

Have a look what the booklet for
Yxy(87.4614, 0.3452, 0.3821)
contains.

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Color

Yxy(87.7402, 0.3449, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	F4F4C0
RGB	244, 244, 192
RGB Percent	96%, 96%, 75%
CMY	0.0431, 0.0431, 0.2469
CMYK	0.00, 0.00, 0.21, 0.04
HSL	60°, 70%, 85%
HSV	60°, 21%, 96%
XYZ	79.1774, 87.7402, 62.6486
YIQ	238.0720, 16.6920, -16.1720

Conversions

Conversions Part 2

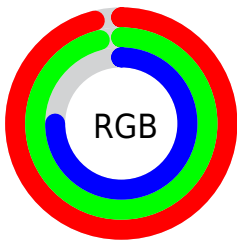
Format	Color
R_{YB}	192, 244, 192
Decimal	16053440
CIE Lab	95.05, -8.21, 25.12
CIE LCh	95, 26.428, 108.095
Yxy	87.7402, 0.3449, 0.3822
Android (android.graphics.Color)	4294243520 (0xFFFF4F4C0)
YUV	238.0720, -22.7135, 5.1989
Hunter-Lab	93.6697, -13.0391, 25.9142

Details

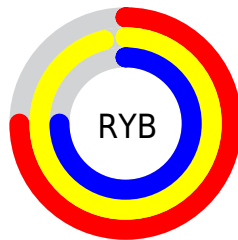
The Yxy color **87.7402, 0.3449, 0.3822** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.4574, 0.2768, 0.2696**, and the grayscale version is **85.7328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **48.3662, 0.3514, 0.3947** is the 20% darker color. If you saturate the color by 10%, you get **86.7492, 0.3600, 0.4073**, and if you desaturate by 10%, it is **88.9183, 0.3296, 0.3569**.

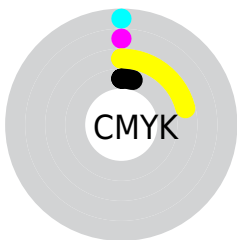
Distribution



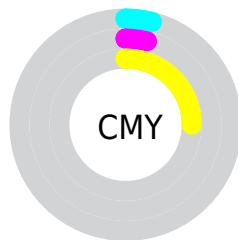
- Red (96%)
- Green (96%)
- Blue (75%)



- Red (75%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (4%)




- Cyan (4%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.7402, 0.3449, 0.3822 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 87.7402, 0.3449, 0.3822 by changing the saturation by 10% instead.

 87.7402, 0.3449,
0.3822

 87.7402, 0.3449,
0.3822


520.6521, 0.3308,
0.3581

 66.1079, 0.3479,
0.3876

 144.1954, 0.3402,
0.3739

 48.3600, 0.3516,
0.3941


179.7871, 0.3383,
0.3707

 34.1121, 0.3560,
0.4023


220.8008, 0.3366,
0.3679

 22.9797, 0.3616,
0.4127

267.6208, 0.3352,
0.3654

 14.5785, 0.3686,
0.4265

320.6315, 0.3339,
0.3633

 8.5241, 0.3777,
0.4454

380.2174, 0.3327,

 4.4321, 0.3894,

0.3614

0.4725

446.7628, 0.3317,
0.3596

■ 1.9181, 0.4328,
0.5506

■ 0.5592, 0.3719,
0.6281

■ 87.7402, 0.3449,
0.3822

■ 87.7402, 0.3449,
0.3822

■ 86.7492, 0.3600,
0.4073

■ 88.9183, 0.3296,
0.3569

■ 85.9248, 0.3745,
0.4312

■ 90.2801, 0.3146,
0.3322


■ 85.2614, 0.3877,
0.4529

■ 91.1603, 0.3062,
0.3182


■ 84.7483, 0.3990,
0.4716

■ 91.1615, 0.3062,
0.3182


 84.3738, 0.4079,
0.4863


 91.1626, 0.3062,
0.3182


 84.1245, 0.4142,
0.4967


 91.1637, 0.3062,
0.3182

 83.9840, 0.4179,
0.5028

 91.1649, 0.3062,
0.3182

 83.9281, 0.4193,
0.5052

 91.1660, 0.3062,
0.3182

 91.1671, 0.3062,
0.3182

Harmonies

Analogous

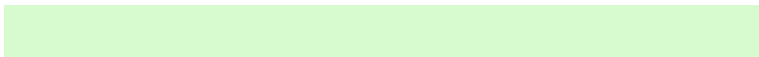
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7402, 0.3658, 0.3720



87.7402, 0.3449, 0.3822



87.7402, 0.3159, 0.3770

Triad

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



87.7402, 0.3449, 0.3822



87.7402, 0.2566, 0.3022



87.7402, 0.3375, 0.3033

Complementary

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



87.7402, 0.3449, 0.3822



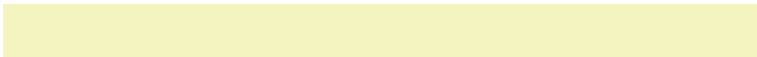
55.4574, 0.2768, 0.2696

Split Complementary

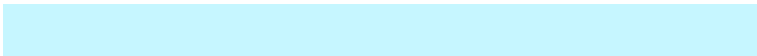
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.7402, 0.3072, 0.2864



87.7402, 0.3449, 0.3822



87.7402, 0.2616, 0.2848

Square

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



87.7402, 0.3449, 0.3822



87.7402, 0.2657, 0.3286



87.7402, 0.2797, 0.2796



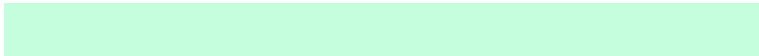
87.7402, 0.3618, 0.3265

Rectangle

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



87.7402, 0.3449, 0.3822



87.7402, 0.2962, 0.3648



87.7402, 0.2797, 0.2796



87.7402, 0.3276, 0.2967

Sweetspot

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



87.7441, 0.3449, 0.3822



99.0527, 0.3216, 0.3437



60.7929, 0.3551, 0.3282



21.1803, 0.3226, 0.3453



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.



87.7441, 0.3449, 0.3822



96.4379, 0.3522, 0.3942



83.5545, 0.3276, 0.3853



19.3134, 0.3269, 0.3524



45.6329, 0.4193, 0.5052



4.0108, 0.4193, 0.5052

Inverse Universe

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



55.4574, 0.2768, 0.2696



54.2689, 0.2675, 0.2543



59.0202, 0.2949, 0.2726



15.9270, 0.2979, 0.3045



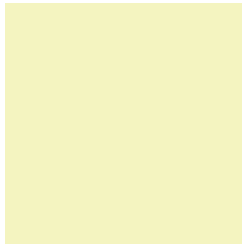
3.5519, 0.1500, 0.0600



0.3122, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 87.7402, 0.3449, 0.3822 looks on a white background.

Color Contrast Check

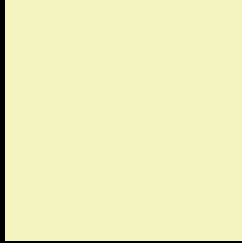
Large Text (above 18pt) WCAG AA × Fail

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 87.7402, 0.3449, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

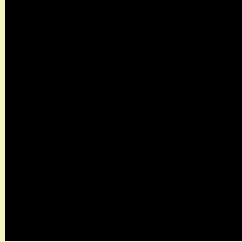
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

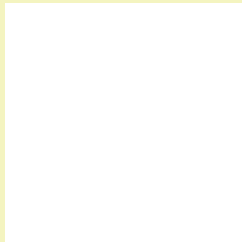
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.7402, 0.3449, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 87.7402, 0.3449, 0.3822.

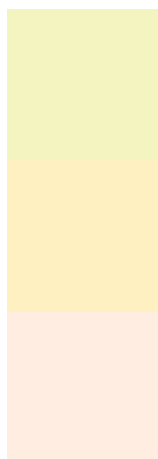


This preview shows how white text looks on a background with the Yxy color 87.7402, 0.3449, 0.3822.

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

87.7402, 0.3449, 0.3822

Protanopia

87.4752, 0.3522, 0.3751

Deuteranopia

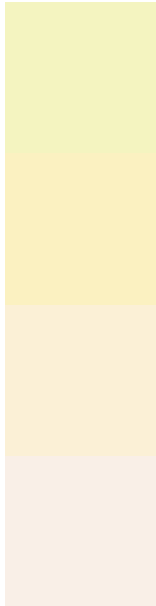
87.3194, 0.3319, 0.3399



Tritanopia

87.8421, 0.3122, 0.3115

Trichromacy



Original Color

87.7402, 0.3449, 0.3822

Protanomaly

87.2701, 0.3498, 0.3775

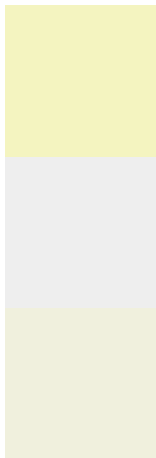
Deuteranomaly

87.6844, 0.3365, 0.3551

Tritanomaly

87.6423, 0.3244, 0.3370

Monochromacy



Original Color

87.7402, 0.3449, 0.3822

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.0659, 0.3245, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.7402, 0.3449, 0.3822 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, 244, 192)` looks like.

```
.text, #text, p{  
    color:rgb(244, 244, 192)  
}
```

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, 244, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 244, 192) }
```

Border

The CSS property to change the border of an element to Yxy 87.7402, 0.3449, 0.3822 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, 244, 192) }
```

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

```
.border{ border-color:rgb(244, 244, 192) }
```

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

Here you see how a box with a 4 pixel rgb(244, 244, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 244, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 244, 192);  
box-shadow:4px 4px 4px 4px rgb(244, 244,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 87.7402, 0.3449, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 244, 192) }
```

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

```
.background{ background-color: rgb(244,  
244, 192) }
```

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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