

Converting Colors

Yxy(87.6562, 0.3419, 0.3789)

Have a look what the booklet for
Yxy(87.6562, 0.3419, 0.3789)
contains.

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Color

Yxy(87.6962, 0.3423, 0.3792)

Conversions

Conversions Part 1

Format	Color
Hex	F3F4C3
RGB	243, 244, 195
RGB Percent	95%, 96%, 76%
CMY	0.0471, 0.0431, 0.2351
CMYK	0.00, 0.00, 0.20, 0.04
HSL	61°, 69%, 86%
HSV	61°, 20%, 96%
XYZ	79.1625, 87.6962, 64.4077
YIQ	238.1150, 15.1330, -15.4510

Conversions

Conversions Part 2

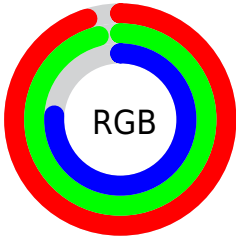
Format	Color
R_{YB}	195, 244, 196
Decimal	15987907
CIE _{Lab}	95.03, -8.16, 23.55
CIE _{LCh}	95, 24.920, 109.109
Yxy	87.6962, 0.3423, 0.3792
Android (android.graphics.Color)	4294177987 (0xFFFF3F4C3)
YUV	238.1150, -21.2557, 4.2841
Hunter-Lab	93.6462, -12.9886, 24.7741

Details

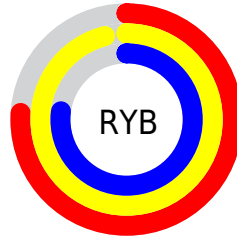
The Yxy color **87.6962, 0.3423, 0.3792** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.3253, 0.2798, 0.2736**, and the grayscale version is **85.7556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **48.3286, 0.3481, 0.3909** is the 20% darker color. If you saturate the color by 10%, you get **86.5940, 0.3571, 0.4045**, and if you desaturate by 10%, it is **88.9868, 0.3274, 0.3539**.

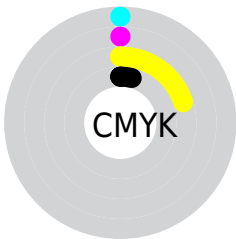
Distribution



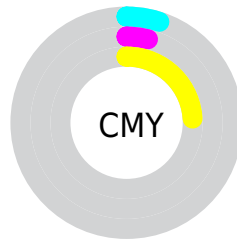
- Red (95%)
- Green (96%)
- Blue (76%)



- Red (76%)
- Yellow (96%)
- Blue (77%)



- Cyan (0%)
- Magenta (0%)
- Yellow (20%)
- Black (4%)




- Cyan (5%)
- Magenta (4%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.6962, 0.3423, 0.3792 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 87.6962, 0.3423, 0.3792 by changing the saturation by 10% instead.

 87.6962, 0.3423,
0.3792

 87.6962, 0.3423,
0.3792


520.5078, 0.3293,
0.3564

 66.0715, 0.3451,
0.3843


144.1341, 0.3379,
0.3714

 48.3304, 0.3485,
0.3905


179.7161, 0.3362,
0.3683

 34.0886, 0.3526,
0.3982

220.7194, 0.3347,
0.3657

 22.9617, 0.3577,
0.4081

267.5283, 0.3333,
0.3634

 14.5652, 0.3643,
0.4212

320.5271, 0.3322,
0.3613

 8.5148, 0.3728,
0.4393

380.1004, 0.3311,

 4.4261, 0.3840,

0.3595

446.6325, 0.3302,
0.3579

0.4655

1.9147, 0.4200,
0.5337

0.5572, 0.3723,
0.6277

87.6962, 0.3423,
0.3792

87.6962, 0.3423,
0.3792

86.5940, 0.3571,
0.4045

88.9868, 0.3274,
0.3539

85.6598, 0.3713,
0.4289


90.4623, 0.3128,
0.3292

84.8880, 0.3843,
0.4513

91.2516, 0.3065,
0.3182


84.2683, 0.3954,
0.4708


91.3432, 0.3068,
0.3183


 83.7889, 0.4043,
0.4865


 91.4352, 0.3072,
0.3183

 83.4366, 0.4106,
0.4979

 91.5273, 0.3075,
0.3183

 83.1957, 0.4142,
0.5049

 91.6198, 0.3078,
0.3183

 83.0405, 0.4156,
0.5082

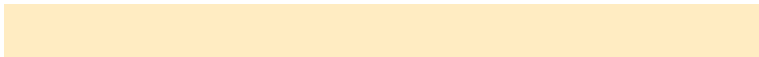
 91.7124, 0.3081,
0.3183

 91.8054, 0.3085,
0.3183

Harmonies

Analogous

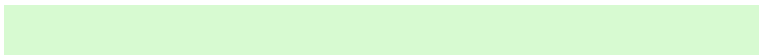
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6962, 0.3624, 0.3702



87.6962, 0.3423, 0.3792



87.6962, 0.3149, 0.3737

Triad

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



87.6962, 0.3423, 0.3792



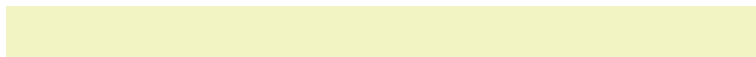
87.6962, 0.2596, 0.3031



87.6962, 0.3371, 0.3053

Complementary

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



87.6962, 0.3423, 0.3792



57.3253, 0.2798, 0.2736

Split Complementary

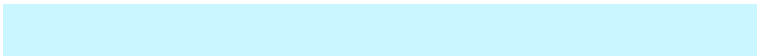
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.6962, 0.3085, 0.2891



87.6962, 0.3423, 0.3792



87.6962, 0.2648, 0.2870

Square

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



87.6962, 0.3423, 0.3792



87.6962, 0.2678, 0.3278



87.6962, 0.2823, 0.2823



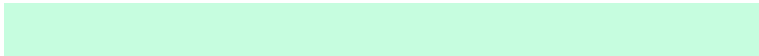
87.6962, 0.3595, 0.3275

Rectangle

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



87.6962, 0.3423, 0.3792



87.6962, 0.2962, 0.3620



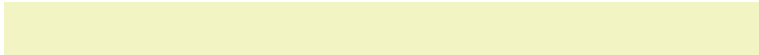
87.6962, 0.2823, 0.2823



87.6962, 0.3278, 0.2991

Sweetspot

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



87.7001, 0.3423, 0.3792



98.9928, 0.3214, 0.3437



62.5920, 0.3526, 0.3300



21.1661, 0.3224, 0.3454



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

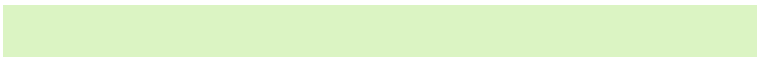
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.7001, 0.3423, 0.3792



96.4241, 0.3482, 0.3893



83.6631, 0.3257, 0.3820



19.2949, 0.3265, 0.3524



45.1575, 0.4157, 0.5081



3.9744, 0.4162, 0.5078

Inverse Universe

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



57.3253, 0.2798, 0.2736



57.3273, 0.2723, 0.2610



60.8497, 0.2973, 0.2763



15.9432, 0.2982, 0.3045



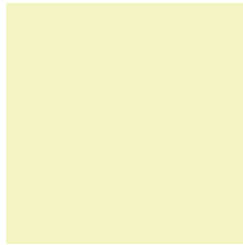
3.5767, 0.1506, 0.0604



0.3201, 0.1523, 0.0612

Previews

White Background



This preview shows how the Yxy color 87.6962, 0.3423, 0.3792 looks on a white background.

Color Contrast Check

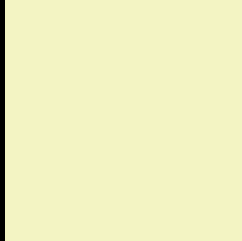
Large Text (above 18pt) WCAG AA × Fail

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 87.6962, 0.3423, 0.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

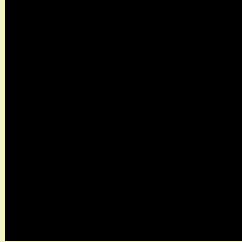
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

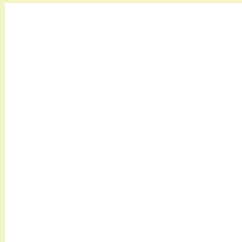
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.6962, 0.3423, 0.3792

Background



This preview shows how black text looks on a background with the Yxy color 87.6962, 0.3423, 0.3792.

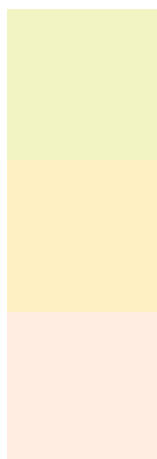


This preview shows how white text looks on a background with the Yxy color 87.6962, 0.3423, 0.3792.

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

87.6962, 0.3423, 0.3792

Protanopia

87.5203, 0.3516, 0.3741

Deuteranopia

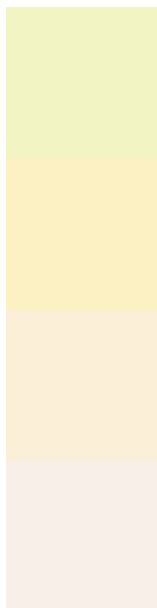
87.3194, 0.3319, 0.3399



Tritanopia

87.6559, 0.3116, 0.3115

Trichromacy



Original Color

87.6962, 0.3423, 0.3792

Protanomaly

87.3600, 0.3485, 0.3755

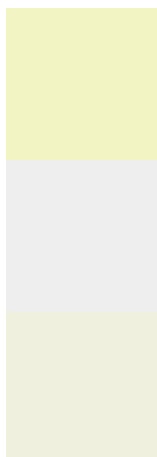
Deuteranomaly

87.7357, 0.3358, 0.3541

Tritanomaly

87.5727, 0.3224, 0.3350

Monochromacy



Original Color

87.6962, 0.3423, 0.3792

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.1194, 0.3238, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.6962, 0.3423, 0.3792 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, 244, 195)` looks like.

```
.text, #text, p{  
    color:rgb(243, 244, 195)  
}
```

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, 244, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 244, 195) }
```

Border

The CSS property to change the border of an element to Yxy 87.6962, 0.3423, 0.3792 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, 244, 195) }
```

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

```
.border{ border-color:rgb(243, 244, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 244, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 244, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 244, 195);  
box-shadow:4px 4px 4px 4px rgb(243, 244,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 87.6962, 0.3423, 0.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 244, 195) }
```

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

```
.background{ background-color: rgb(243,  
244, 195) }
```

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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