

Converting Colors

Yxy(88.4716, 0.3392, 0.3626)

Have a look what the booklet for
Yxy(88.4716, 0.3392, 0.3626)
contains.

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Color

Yxy(88.4317, 0.3387, 0.3622)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FAF2D1 |
| RGB | 250, 242, 209 |
| RGB Percent | 98%, 95%, 82% |
| CMY | 0.0195, 0.0510, 0.1804 |
| CMYK | 0.00, 0.03, 0.16, 0.02 |
| HSL | 48°, 81%, 90% |
| HSV | 48°, 16%, 98% |
| XYZ | 82.6941, 88.4317, 73.0257 |
| YIQ | 240.6300, 15.3610, -8.5670 |

Conversions

Conversions Part 2

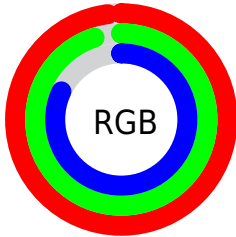
| Format | Color |
|-------------------------------------|-------------------------------|
| RYP | 219, 250, 209 |
| Decimal | 16446161 |
| CIELab | 95.34, -2.60, 16.90 |
| CIElCh | 95, 17.102, 98.737 |
| Yxy | 88.4317, 0.3387, 0.3622 |
| Android (android.graphics.Color) | 4294636241 (0xFFFAF2D1) |
| YUV | 240.6300, -15.5936, 8.2175 |
| Hunter-Lab | 94.0381, -7.5995, 19.7848 |

Details

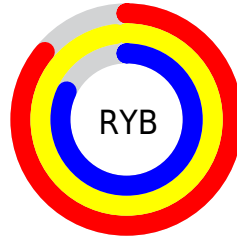
The Yxy color **88.4317, 0.3387, 0.3622** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.1025, 0.2862, 0.2935**, and the grayscale version is **87.7785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8218, 0.3436, 0.3689** is the 20% darker color. If you saturate the color by 10%, you get **84.4151, 0.3559, 0.3832**, and if you desaturate by 10%, it is **92.7286, 0.3225, 0.3417**.

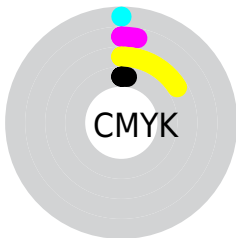
Distribution



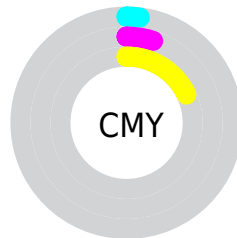
- Red (98%)
- Green (95%)
- Blue (82%)



- Red (86%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.4317, 0.3387, 0.3622 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 88.4317, 0.3387, 0.3622 by changing the saturation by 10% instead.

88.4317, 0.3387,
0.3622

88.4317, 0.3387,
0.3622

522.9159, 0.3271,
0.3473

66.6806, 0.3412,
0.3655

145.1580, 0.3348,
0.3571

48.8251, 0.3443,
0.3695

180.9021, 0.3332,
0.3551

34.4808, 0.3481,
0.3745

222.0793, 0.3319,
0.3534

23.2632, 0.3529,
0.3809

269.0740, 0.3307,
0.3519

14.7880, 0.3593,
0.3893

322.2706, 0.3297,
0.3505

8.6707, 0.3678,
0.4010

382.0535, 0.3287,

4.5270, 0.3801,

0.3493

0.4179

448.8072, 0.3279,
0.3483

■ 1.9725, 0.4012,
0.4474

■ 0.5914, 0.4575,
0.5425

■ 88.4317, 0.3387,
0.3622

■ 88.4317, 0.3387,
0.3622

■ 84.4151, 0.3559,
0.3832

■ 92.7286, 0.3225,
0.3417

■ 80.6575, 0.3736,
0.4039

■ 97.0429, 0.3098,
0.3259

■ 77.1523, 0.3914,
0.4236

■ 99.0711, 0.3097,
0.3290

■ 73.8884, 0.4087,
0.4413

■ 70.8533, 0.4245,
0.4559

■ 68.0330, 0.4383,
0.4665

■ 65.4111, 0.4492,
0.4724

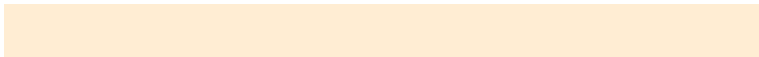
■ 62.9676, 0.4572,
0.4735

■ 62.1243, 0.4596,
0.4733

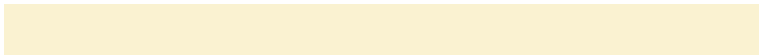
Harmonies

Analogous

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



88.4317, 0.3494, 0.3537



88.4317, 0.3387, 0.3622



88.4317, 0.3212, 0.3616

Triad

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



88.4317, 0.3387, 0.3622



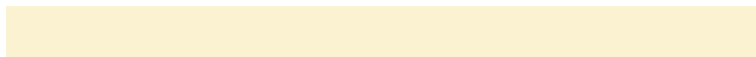
88.4317, 0.2769, 0.3170



88.4317, 0.3229, 0.3081

Complementary

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



88.4317, 0.3387, 0.3622



70.1025, 0.2862, 0.2935

Split Complementary

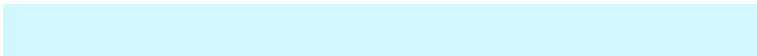
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4317, 0.3034, 0.2987



88.4317, 0.3387, 0.3622



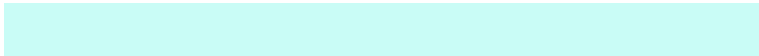
88.4317, 0.2772, 0.3033

Square

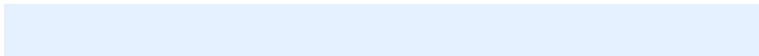
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4317, 0.3387, 0.3622



88.4317, 0.2857, 0.3348



88.4317, 0.2868, 0.2969



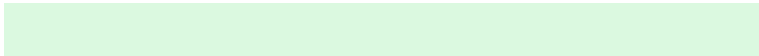
88.4317, 0.3402, 0.3226

Rectangle

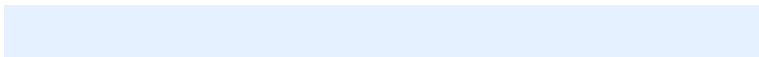
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.4317, 0.3387, 0.3622



88.4317, 0.3082, 0.3558



88.4317, 0.2868, 0.2969



88.4317, 0.3164, 0.3042

Sweetspot

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



88.4356, 0.3387, 0.3622



97.6221, 0.3203, 0.3389



70.9483, 0.3380, 0.3206



20.8249, 0.3214, 0.3403



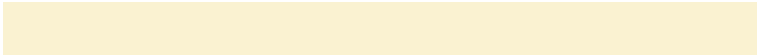
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



88.4356, 0.3387, 0.3622



90.9283, 0.3448, 0.3697



91.1277, 0.3292, 0.3710



19.5788, 0.3274, 0.3479



33.1474, 0.4588, 0.4739



3.2125, 0.4532, 0.4783

Inverse Universe

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



70.1025, 0.2862, 0.2935



68.1473, 0.2799, 0.2847



67.9218, 0.2943, 0.2856



17.1935, 0.2979, 0.3093



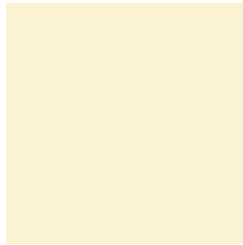
4.9828, 0.1552, 0.0788



0.6018, 0.1608, 0.0988

Previews

White Background



This preview shows how the Yxy color 88.4317, 0.3387, 0.3622 looks on a white background.

Color Contrast Check

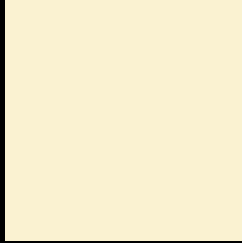
Large Text (above 18pt) WCAG AA × Fail

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 88.4317, 0.3387, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

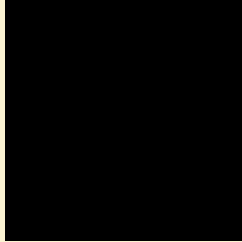
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.4317, 0.3387, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 88.4317, 0.3387, 0.3622.

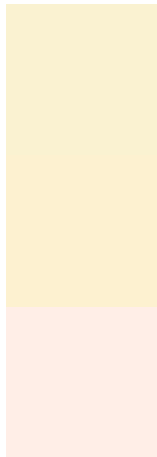


This preview shows how white text looks on a background with the Yxy color 88.4317, 0.3387, 0.3622.

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

88.4317, 0.3387, 0.3622

Protanopia

88.3473, 0.3415, 0.3620

Deuteranopia

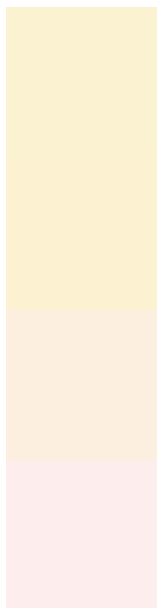
88.1786, 0.3285, 0.3359



Tritanopia

88.3428, 0.3148, 0.3126

Trichromacy



Original Color

88.4317, 0.3387, 0.3622

Protanomaly

88.1601, 0.3409, 0.3621

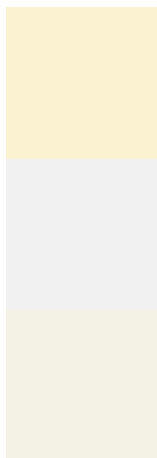
Deuteranomaly

87.9434, 0.3322, 0.3449

Tritanomaly

88.1461, 0.3234, 0.3300

Monochromacy



Original Color

88.4317, 0.3387, 0.3622

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.8008, 0.3221, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4317, 0.3387, 0.3622 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(250, 242, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 242, 209)  
}
```

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(250, 242, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 242, 209) }
```

Border

The CSS property to change the border of an element to Yxy 88.4317, 0.3387, 0.3622 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(250, 242, 209) }
```

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

```
.border{ border-color:rgb(250, 242, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 242, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 242, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 242, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 242,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4317, 0.3387, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 242, 209) }
```

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

```
.background{ background-color: rgb(250,  
242, 209) }
```

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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