

Converting Colors

Yxy(88.4294, 0.3371, 0.3644)

Have a look what the booklet for
Yxy(88.4294, 0.3371, 0.3644)
contains.

Yxy(88.4294, 0.3371, 0.3644)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(88.4294, 0.3371, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	F7F3D0
RGB	247, 243, 208
RGB Percent	97%, 95%, 82%
CMY	0.0312, 0.0471, 0.1843
CMYK	0.00, 0.02, 0.16, 0.03
HSL	54°, 71%, 89%
HSV	54°, 16%, 97%
XYZ	81.8045, 88.4294, 72.4374
YIQ	240.2060, 13.6190, -10.0370

Conversions

Conversions Part 2

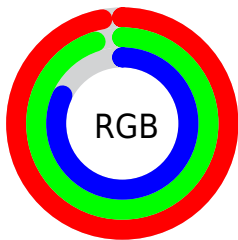
Format	Color
R_{YB}	212, 247, 208
Decimal	16249808
CIE _{Lab}	95.34, -4.31, 17.37
CIE _{LCh}	95, 17.900, 103.938
Yxy	88.4294, 0.3371, 0.3644
Android (android.graphics.Color)	4294439888 (0xFFFF7F3D0)
YUV	240.2060, -15.8776, 5.9583
Hunter-Lab	94.0369, -9.2841, 20.1543

Details

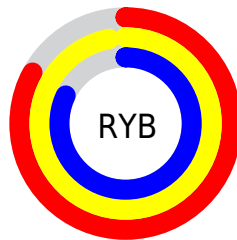
The Yxy color **88.4294, 0.3371, 0.3644** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.2445, 0.2872, 0.2909**, and the grayscale version is **87.4328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8209, 0.3415, 0.3719** is the 20% darker color. If you saturate the color by 10%, you get **85.7884, 0.3533, 0.3874**, and if you desaturate by 10%, it is **91.2890, 0.3214, 0.3418**.

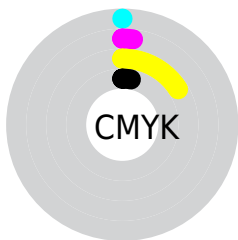
Distribution



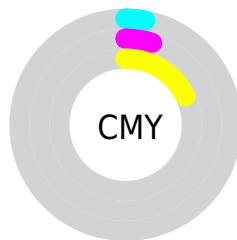
- Red (97%)
- Green (95%)
- Blue (82%)



- Red (83%)
- Yellow (97%)
- Blue (82%)



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



- Cyan (3%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.4294, 0.3371, 0.3644 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 88.4294, 0.3371, 0.3644 by changing the saturation by 10% instead.

88.4294, 0.3371,
0.3644

88.4294, 0.3371,
0.3644

522.9084, 0.3263,
0.3485

66.6787, 0.3395,
0.3679

145.1548, 0.3334,
0.3590

48.8236, 0.3423,
0.3723

180.8984, 0.3320,
0.3568

34.4796, 0.3458,
0.3776

222.0750, 0.3307,
0.3550

23.2623, 0.3503,
0.3845

269.0692, 0.3296,
0.3533

14.7873, 0.3562,
0.3937

322.2652, 0.3286,
0.3519

8.6702, 0.3640,
0.4063

382.0474, 0.3278,

4.5267, 0.3751,

0.3506

0.4248

448.8004, 0.3270,
0.3495

■ 1.9723, 0.3948,
0.4579

■ 0.5913, 0.4358,
0.5642

■ 88.4294, 0.3371,
0.3644

■ 88.4294, 0.3371,
0.3644

■ 85.7884, 0.3533,
0.3874

■ 91.2890, 0.3214,
0.3418

■ 83.3454, 0.3697,
0.4101

■ 94.2069, 0.3080,
0.3223

■ 81.0949, 0.3856,
0.4316

■ 95.7933, 0.3079,
0.3248

■ 79.0265, 0.4005,
0.4508

■ 97.4013, 0.3079,
0.3273

■ 77.1286, 0.4136,
0.4668

■ 98.5213, 0.3078,
0.3290

■ 75.3884, 0.4243,
0.4787

■ 73.7907, 0.4323,
0.4861

■ 72.3168, 0.4375,
0.4891

■ 71.7226, 0.4391,
0.4895

Harmonies

Analogous

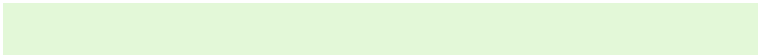
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4294, 0.3498, 0.3569



88.4294, 0.3371, 0.3644



88.4294, 0.3180, 0.3620

Triad

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



88.4294, 0.3371, 0.3644



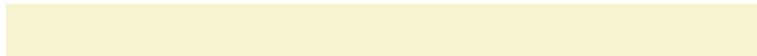
88.4294, 0.2746, 0.3135



88.4294, 0.3269, 0.3094

Complementary

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



88.4294, 0.3371, 0.3644



67.2445, 0.2872, 0.2909

Split Complementary

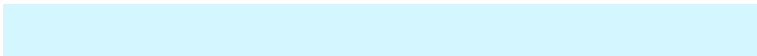
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4294, 0.3064, 0.2986



88.4294, 0.3371, 0.3644



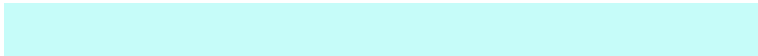
88.4294, 0.2767, 0.3003

Square

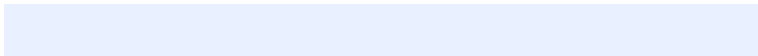
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



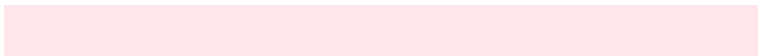
88.4294, 0.3371, 0.3644



88.4294, 0.2823, 0.3317



88.4294, 0.2881, 0.2951



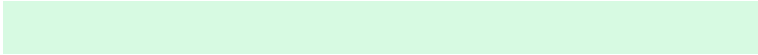
88.4294, 0.3439, 0.3252

Rectangle

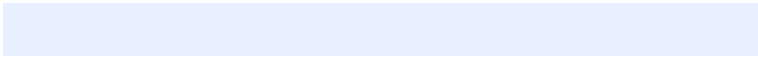
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.4294, 0.3371, 0.3644



88.4294, 0.3044, 0.3548



88.4294, 0.2881, 0.2951



88.4294, 0.3201, 0.3051

Sweetspot

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



88.4333, 0.3371, 0.3644



98.3655, 0.3202, 0.3400



69.6804, 0.3393, 0.3243



21.0061, 0.3213, 0.3416



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.



88.4333, 0.3371, 0.3644



94.1005, 0.3423, 0.3718



88.2691, 0.3264, 0.3696



19.0028, 0.3271, 0.3500



38.0420, 0.4388, 0.4898



3.4264, 0.4360, 0.4920

Inverse Universe

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



67.2445, 0.2872, 0.2909



67.2940, 0.2814, 0.2822



67.5184, 0.2973, 0.2877



16.2030, 0.2979, 0.3071



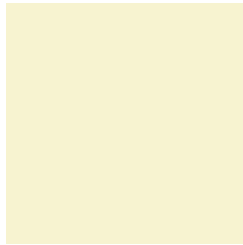
4.0274, 0.1520, 0.0671



0.4441, 0.1561, 0.0819

Previews

White Background



This preview shows how the Yxy color 88.4294, 0.3371, 0.3644 looks on a white background.

Color Contrast Check

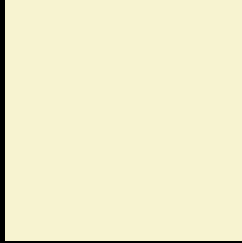
Large Text (above 18pt) WCAG AA × Fail

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 88.4294, 0.3371, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

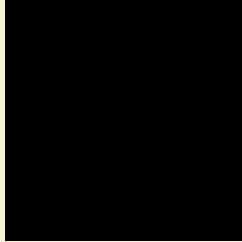
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.4294, 0.3371, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 88.4294, 0.3371, 0.3644.

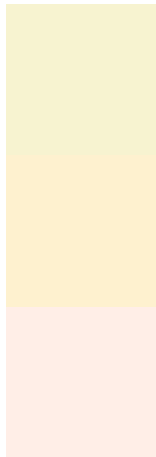


This preview shows how white text looks on a background with the Yxy color 88.4294, 0.3371, 0.3644.

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

88.4294, 0.3371, 0.3644

Protanopia

88.4864, 0.3429, 0.3630

Deuteranopia

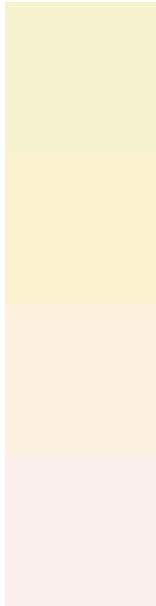
88.1786, 0.3285, 0.3359



Tritanopia

88.0936, 0.3123, 0.3106

Trichromacy



Original Color

88.4294, 0.3371, 0.3644

Protanomaly

88.5185, 0.3406, 0.3642

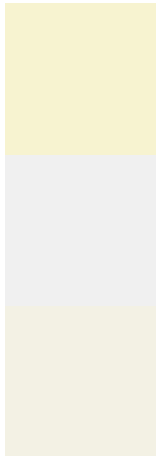
Deuteranomaly

88.3433, 0.3314, 0.3459

Tritanomaly

88.4153, 0.3213, 0.3300

Monochromacy



Original Color

88.4294, 0.3371, 0.3644

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.5667, 0.3220, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4294, 0.3371, 0.3644 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(247, 243, 208)` looks like.

```
.text, #text, p{  
    color:rgb(247, 243, 208)  
}
```

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(247, 243, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 243, 208) }
```

Border

The CSS property to change the border of an element to Yxy 88.4294, 0.3371, 0.3644 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(247, 243, 208) }
```

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

```
.border{ border-color:rgb(247, 243, 208) }
```

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

Here you see how a box with a 4 pixel rgb(247, 243, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 243, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 243, 208);  
box-shadow:4px 4px 4px 4px rgb(247, 243,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4294, 0.3371, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 243, 208) }
```

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

```
.background{ background-color: rgb(247,  
243, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor