

Converting Colors

$Y_{xy}(100.0000, 0.3816, 0.3570)$

Have a look what the booklet for
Yxy(100.0000, 0.3816, 0.3570)
contains.

Yxy(88.1342, 0.3431, 0.3609)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(88.1342, 0.3431, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0D0
RGB	255, 240, 208
RGB Percent	100%, 94%, 82%
CMY	0.0000, 0.0588, 0.1842
CMYK	0.00, 0.06, 0.18, 0.00
HSL	41°, 100%, 91%
HSV	41°, 18%, 100%
XYZ	83.7873, 88.1342, 72.2852
YIQ	240.8370, 19.2120, -6.7720

Conversions

Conversions Part 2

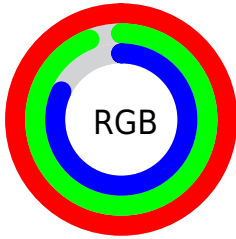
Format	Color
R_{YB}	230, 255, 208
Decimal	16773328
CIE _{Lab}	95.22, 0.04, 17.28
CIE _{LCh}	95, 17.282, 89.884
Yxy	88.1342, 0.3431, 0.3609
Android (android.graphics.Color)	4294963408 (0xFFFFF0D0)
YUV	240.8370, -16.1886, 12.4210
Hunter-Lab	93.8798, -4.9792, 20.0640

Details

The Yxy color **88.1342, 0.3431, 0.3609** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.4200, 0.2830, 0.2949**, and the grayscale version is **87.9502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.6198, 0.3494, 0.3672** is the 20% darker color. If you saturate the color by 10%, you get **82.2960, 0.3618, 0.3790**, and if you desaturate by 10%, it is **94.3971, 0.3259, 0.3432**.

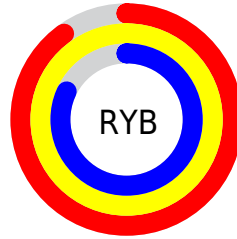
Distribution



Red (100%)

Green (94%)

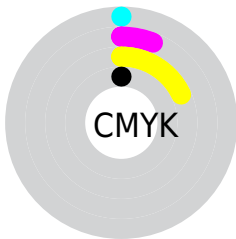
Blue (82%)



Red (90%)

Yellow (100%)

Blue (82%)

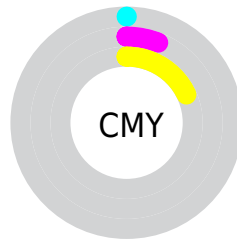


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.1342, 0.3431, 0.3609 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 88.1342, 0.3431, 0.3609 by changing the saturation by 10% instead.

 88.1342, 0.3431,
0.3609

 88.1342, 0.3431,
0.3609


521.9426, 0.3295,
0.3467

 66.4342, 0.3461,
0.3640


144.7440, 0.3385,
0.3561

 48.6250, 0.3497,
0.3678

180.4226, 0.3367,
0.3541

 34.3221, 0.3542,
0.3726


221.5295, 0.3351,
0.3525

 23.1411, 0.3599,
0.3786

268.4491, 0.3337,
0.3510

 14.6978, 0.3675,
0.3865

321.5658, 0.3325,
0.3498

 8.6075, 0.3777,
0.3972

381.2640, 0.3314,

 4.4861, 0.3925,

0.3486

0.4127

447.9282, 0.3304,
0.3476

■ 1.9490, 0.4186,
0.4401

■ 0.5776, 0.4877,
0.5123

■ 88.1342, 0.3431,
0.3609

■ 88.1342, 0.3431,
0.3609

■ 82.2960, 0.3618,
0.3790

■ 94.3971, 0.3259,
0.3432

■ 76.8583, 0.3817,
0.3970

100.0000, 0.3127,
0.3290

■ 71.8118, 0.4025,
0.4140

■ 67.1421, 0.4234,
0.4290

■ 62.8336, 0.4434,
0.4409

■ 58.8689, 0.4617,
0.4485

■ 55.2278, 0.4771,
0.4512

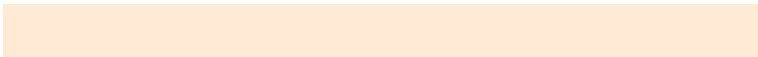
■ 51.8832, 0.4893,
0.4488

■ 51.3769, 0.4912,
0.4482

Harmonies

Analogous

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



88.1342, 0.3511, 0.3501



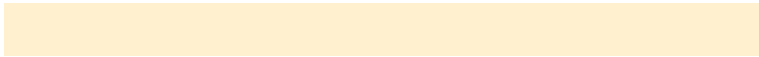
88.1342, 0.3431, 0.3609



88.1342, 0.3270, 0.3632

Triad

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



88.1342, 0.3431, 0.3609



88.1342, 0.2782, 0.3219



88.1342, 0.3172, 0.3044

Complementary

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



88.1342, 0.3431, 0.3609



73.4200, 0.2830, 0.2949

Split Complementary

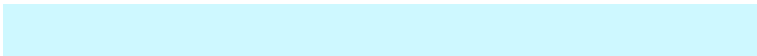
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1342, 0.2978, 0.2970



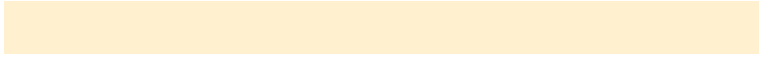
88.1342, 0.3431, 0.3609



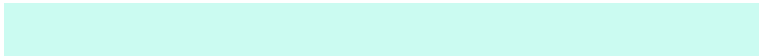
88.1342, 0.2757, 0.3064

Square

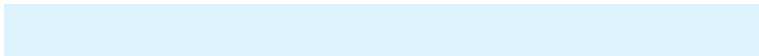
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.1342, 0.3431, 0.3609



88.1342, 0.2896, 0.3402



88.1342, 0.2827, 0.2975



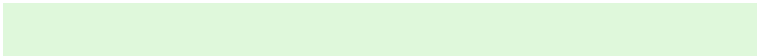
88.1342, 0.3359, 0.3178

Rectangle

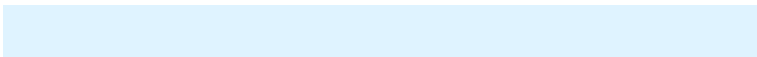
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.1342, 0.3431, 0.3609



88.1342, 0.3139, 0.3592



88.1342, 0.2827, 0.2975



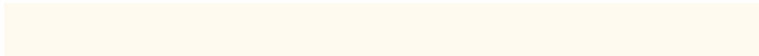
88.1342, 0.3105, 0.3011

Sweetspot

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



88.1381, 0.3431, 0.3609



95.9767, 0.3220, 0.3391



71.7488, 0.3371, 0.3133



20.4512, 0.3231, 0.3402



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

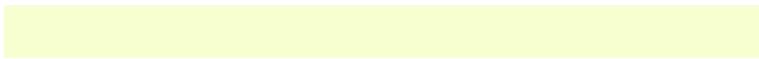
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1381, 0.3431, 0.3609



86.0003, 0.3496, 0.3674



95.8805, 0.3354, 0.3758



20.0554, 0.3277, 0.3451



27.1269, 0.4897, 0.4494



2.8386, 0.4796, 0.4574

Inverse Universe

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



73.4200, 0.2830, 0.2949



68.8755, 0.2769, 0.2874



66.9209, 0.2874, 0.2792



18.3242, 0.2979, 0.3123



7.1156, 0.1622, 0.1040



0.8801, 0.1684, 0.1262

Previews

White Background



This preview shows how the Yxy color 88.1342, 0.3431, 0.3609 looks on a white background.

Color Contrast Check

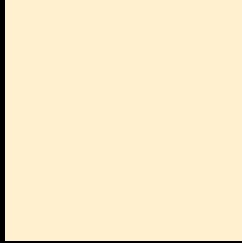
Large Text (above 18pt) WCAG AA × Fail

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 88.1342, 0.3431, 0.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

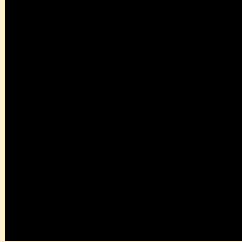
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.1342, 0.3431, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 88.1342, 0.3431, 0.3609.



This preview shows how white text looks on a background with the Yxy color 88.1342, 0.3431, 0.3609.

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

88.1342, 0.3431, 0.3609

Protanopia

88.3473, 0.3415, 0.3620

Deuteranopia

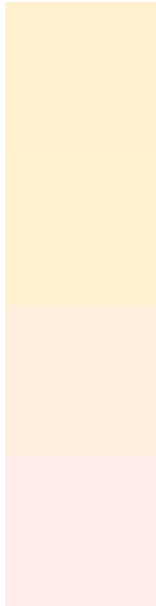
88.1222, 0.3292, 0.3369



Tritanopia

88.0905, 0.3173, 0.3164

Trichromacy



Original Color

88.1342, 0.3431, 0.3609

Protanomaly

88.5355, 0.3422, 0.3620

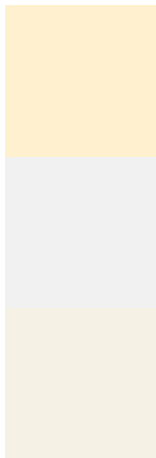
Deuteranomaly

88.2669, 0.3342, 0.3459

Tritanomaly

87.7689, 0.3267, 0.3320

Monochromacy



Original Color

88.1342, 0.3431, 0.3609

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.1606, 0.3234, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1342, 0.3431, 0.3609 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(255, 240, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 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(255, 240, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 208) }
```

Border

The CSS property to change the border of an element to Yxy 88.1342, 0.3431, 0.3609 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(255, 240, 208) }
```

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

```
.border{ border-color:rgb(255, 240, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1342, 0.3431, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 208) }
```

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

```
.background{ background-color: rgb(255,  
240, 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](#).

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