

Converting Colors

$Yxy(97.8224, 0.3321, 0.3622)$

Have a look what the booklet for
Yxy(97.8224, 0.3321, 0.3622)
contains.

Yxy(97.8113, 0.3321, 0.3622)	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(97.8113, 0.3321, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFDD
RGB	254, 255, 221
RGB Percent	100%, 100%, 87%
CMY	0.0039, 0.0000, 0.1334
CMYK	0.00, 0.00, 0.13, 0.00
HSL	62°, 100%, 93%
HSV	62°, 13%, 100%
XYZ	89.6829, 97.8113, 82.5536
YIQ	250.8250, 10.3180, -10.7860

Conversions

Conversions Part 2

Format	Color
R _Y B	221, 255, 222
Decimal	16711645
CIE Lab	99.15, -5.91, 16.16
CIE LCh	99, 17.208, 110.102
Yxy	97.8113, 0.3321, 0.3622
Android (android.graphics.Color)	4294901725 (0xFFFEFFDD)
YUV	250.8250, -14.7037, 2.7845
Hunter-Lab	98.8996, -11.2092, 19.7391

Details

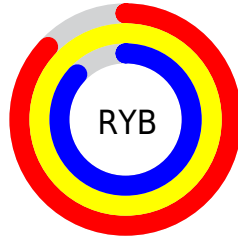
The Yxy color 97.8113, 0.3321, 0.3622 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 74.4584, 0.2919, 0.2936, and the grayscale version is 96.4329, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 55.0117, 0.3359, 0.3688 is the 20% darker color. If you saturate the color by 10%, you get 96.4119, 0.3469, 0.3877, and if you desaturate by 10%, it is 99.4167, 0.3175, 0.3371.

Distribution



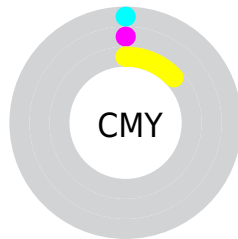
- Red (100%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.8113, 0.3321, 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 97.8113, 0.3321, 0.3622 by changing the saturation by 10% instead.

 97.8113, 0.3321,
0.3622

 97.8113, 0.3321,
0.3622

553.1264, 0.3237,
0.3475

 74.4770, 0.3339,
0.3654


158.1429, 0.3293,
0.3572

 55.1846, 0.3361,
0.3693


195.9090, 0.3282,
0.3552

 39.5495, 0.3387,
0.3742

239.2544, 0.3272,
0.3535

 27.1875, 0.3420,
0.3803

288.5637, 0.3263,
0.3520

 17.7141, 0.3463,
0.3884

344.2211, 0.3255,
0.3507

 10.7449, 0.3520,
0.3994

406.6111, 0.3249,

 5.8956, 0.3598,

0.3495

0.4153

476.1181, 0.3242,
0.3484

■ 2.7817, 0.3711,
0.4400

■ 1.0188, 0.4454,
0.5546

■ 97.8113, 0.3321,
0.3622

■ 97.8113, 0.3321,
0.3622

■ 96.4119, 0.3469,
0.3877

■ 99.4167, 0.3175,
0.3371

■ 95.2107, 0.3615,
0.4129

100.0000, 0.3127,
0.3290

■ 94.1972, 0.3752,
0.4369

■ 93.3605, 0.3875,
0.4587

■ 92.6888, 0.3978,
0.4772

■ 92.1684, 0.4057,
0.4917

■ 91.7838, 0.4109,
0.5017

■ 91.5161, 0.4135,
0.5074

■ 91.3844, 0.4141,
0.5094

Harmonies

Analogous

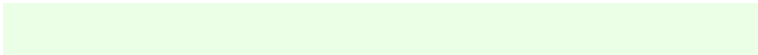
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.8113, 0.3455, 0.3571



97.8113, 0.3321, 0.3622



97.8113, 0.3138, 0.3579

Triad

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



97.8113, 0.3321, 0.3622



97.8113, 0.2768, 0.3116



97.8113, 0.3296, 0.3135

Complementary

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



97.8113, 0.3321, 0.3622



74.4584, 0.2919, 0.2936

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.



97.8113, 0.3108, 0.3022



97.8113, 0.3321, 0.3622



97.8113, 0.2807, 0.3007

Square

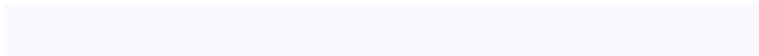
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



97.8113, 0.3321, 0.3622



97.8113, 0.2822, 0.3279



97.8113, 0.2930, 0.2975



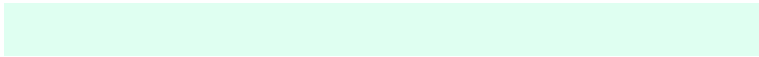
97.8113, 0.3441, 0.3289

Rectangle

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



97.8113, 0.3321, 0.3622



97.8113, 0.3013, 0.3502



97.8113, 0.2930, 0.2975



97.8113, 0.3235, 0.3092

Sweetspot

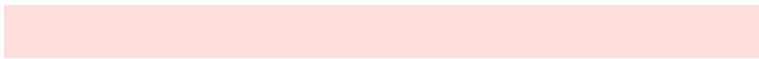
The Sweet Spot groups the original color and five complimentary colors.



97.8108, 0.3321, 0.3622



99.3035, 0.3184, 0.3388



78.4896, 0.3372, 0.3296



21.2278, 0.3195, 0.3406



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.



97.8108, 0.3321, 0.3622



97.4182, 0.3360, 0.3690



94.8188, 0.3214, 0.3633



21.0619, 0.3265, 0.3525



47.7625, 0.4142, 0.5093



4.6587, 0.4148, 0.5088

Inverse Universe

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



74.4584, 0.2919, 0.2936



69.9222, 0.2874, 0.2859



77.2045, 0.3030, 0.2948



17.4032, 0.2983, 0.3044



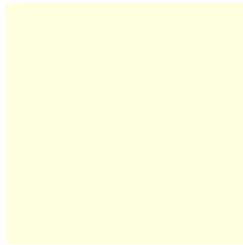
3.8089, 0.1509, 0.0605



0.3794, 0.1529, 0.0616

Previews

White Background



This preview shows how the Yxy color 97.8113, 0.3321, 0.3622 looks on a white background.

Color Contrast Check

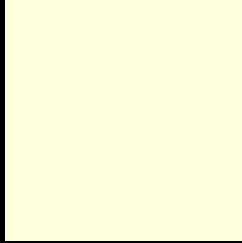
Large Text (above 18pt) WCAG AA × Fail

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 97.8113, 0.3321, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

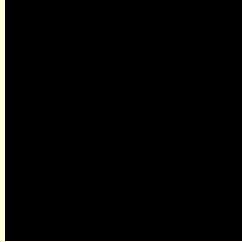
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.8113, 0.3321, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 97.8113, 0.3321, 0.3622.



This preview shows how white text looks on a background with the Yxy color 97.8113, 0.3321, 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

97.8113, 0.3321, 0.3622



Protanopia

97.5346, 0.3181, 0.3348

Deuteranopia

97.8458, 0.3152, 0.3300

Tritanopia

97.9116, 0.3122, 0.3261

Trichromacy



Original Color

97.8113, 0.3321, 0.3622



Protanomaly

97.6250, 0.3234, 0.3445

Deuteranomaly

97.8018, 0.3216, 0.3415

Tritanomaly

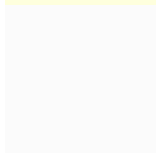
97.7925, 0.3192, 0.3386

Monochromacy



Original Color

97.8113, 0.3321, 0.3622



Achromatopsia

96.4686, 0.3127, 0.3290



Achromatomaly

96.6075, 0.3198, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.8113, 0.3321, 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(254, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 221)  
}
```

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(254, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 221) }
```

Border

The CSS property to change the border of an element to Yxy 97.8113, 0.3321, 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(254, 255, 221) }
```

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

```
.border{ border-color:rgb(254, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 97.8113, 0.3321, 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(254, 255, 221) }
```

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

```
.background{ background-color: rgb(254,  
255, 221) }
```

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