

Converting Colors

$Yxy(97.3234, 0.3358, 0.3665)$

Have a look what the booklet for
Yxy(97.3234, 0.3358, 0.3665)
contains.

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Color

Yxy(97.1015, 0.3359, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	FFFED8
RGB	255, 254, 216
RGB Percent	100%, 100%, 85%
CMY	0.0001, 0.0039, 0.1531
CMYK	0.00, 0.00, 0.15, 0.00
HSL	59°, 100%, 92%
HSV	59°, 15%, 100%
XYZ	89.0672, 97.1015, 78.9911
YIQ	249.9670, 12.7940, -11.6060

Conversions

Conversions Part 2

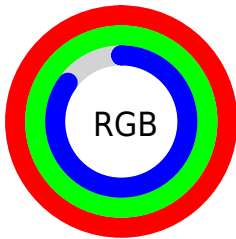
Format	Color
R_{YB}	217, 255, 216
Decimal	16776920
CIE _{Lab}	98.87, -5.84, 18.34
CIE _{LCh}	99, 19.246, 107.650
Yxy	97.1015, 0.3359, 0.3662
Android (android.graphics.Color)	4294967000 (0xFFFFFED8)
YUV	249.9670, -16.7457, 4.4139
Hunter-Lab	98.5401, -11.1049, 21.4504

Details

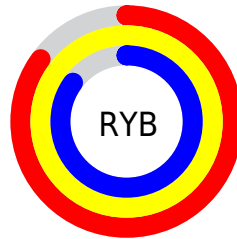
The Yxy color **97.1015, 0.3359, 0.3662** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.4037, 0.2879, 0.2889**, and the grayscale version is **95.7012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.5115, 0.3407, 0.3738** is the 20% darker color. If you saturate the color by 10%, you get **95.4886, 0.3514, 0.3910**, and if you desaturate by 10%, it is **98.9289, 0.3206, 0.3417**.

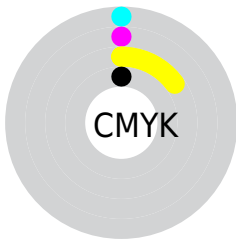
Distribution



- Red (100%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.1015, 0.3359, 0.3662 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 97.1015, 0.3359, 0.3662 by changing the saturation by 10% instead.


 97.1015, 0.3359,
0.3662

 97.1015, 0.3359,
0.3662


550.8710, 0.3258,
0.3497

 73.8853, 0.3381,
0.3698


157.1647, 0.3325,
0.3606

 54.7002, 0.3406,
0.3742


194.7806, 0.3312,
0.3584

 39.1617, 0.3438,
0.3796


237.9650, 0.3300,
0.3565

 26.8855, 0.3478,
0.3865

287.1025, 0.3290,
0.3548

 17.4873, 0.3529,
0.3955

342.5775, 0.3281,
0.3533

 10.5825, 0.3596,
0.4078

404.7743, 0.3272,

 5.7869, 0.3689,

0.3520

0.4254

474.0774, 0.3265,
0.3508

■ 2.7159, 0.3820,
0.4526

■ 0.9853, 0.4452,
0.5548

■ 97.1015, 0.3359,
0.3662

■ 97.1015, 0.3359,
0.3662

■ 95.4886, 0.3514,
0.3910

■ 98.9289, 0.3206,
0.3417

■ 94.0679, 0.3668,
0.4153

99.9961, 0.3127,
0.3290

■ 92.8336, 0.3812,
0.4381

■ 91.7747, 0.3943,
0.4585

■ 90.8788, 0.4053,
0.4754

■ 90.1323, 0.4138,
0.4883

■ 89.5188, 0.4196,
0.4967

■ 89.0186, 0.4229,
0.5008

■ 88.8092, 0.4238,
0.5017

Harmonies

Analogous

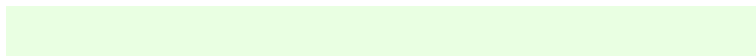
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.1015, 0.3503, 0.3595



97.1015, 0.3359, 0.3662



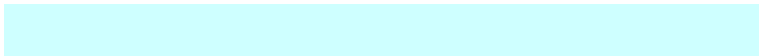
97.1015, 0.3156, 0.3624

Triad

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



97.1015, 0.3359, 0.3662



97.1015, 0.2727, 0.3107



97.1015, 0.3300, 0.3105

Complementary

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



97.1015, 0.3359, 0.3662



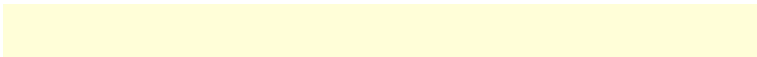
71.4037, 0.2879, 0.2889

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.



97.1015, 0.3087, 0.2984



97.1015, 0.3359, 0.3662



97.1015, 0.2762, 0.2980

Square

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



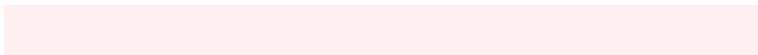
97.1015, 0.3359, 0.3662



97.1015, 0.2795, 0.3293



97.1015, 0.2892, 0.2937



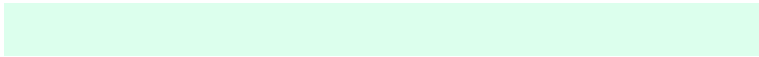
97.1015, 0.3469, 0.3273

Rectangle

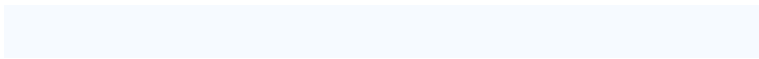
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.1015, 0.3359, 0.3662



97.1015, 0.3015, 0.3541



97.1015, 0.2892, 0.2937



97.1015, 0.3231, 0.3057

Sweetspot

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



97.1058, 0.3359, 0.3662



99.0050, 0.3201, 0.3409



75.3754, 0.3407, 0.3278



21.1621, 0.3212, 0.3426



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.



97.1058, 0.3359, 0.3662



96.6669, 0.3401, 0.3729



94.4288, 0.3239, 0.3685



21.0091, 0.3270, 0.3519



46.4479, 0.4237, 0.5018



4.5459, 0.4232, 0.5022

Inverse Universe

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



71.4037, 0.2879, 0.2889



66.9988, 0.2830, 0.2810



73.8361, 0.3001, 0.2893



17.4496, 0.2978, 0.3050



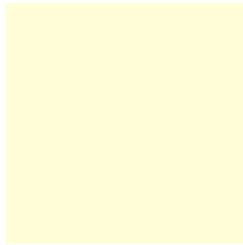
3.8752, 0.1504, 0.0615



0.4015, 0.1514, 0.0650

Previews

White Background



This preview shows how the Yxy color 97.1015, 0.3359, 0.3662 looks on a white background.

Color Contrast Check

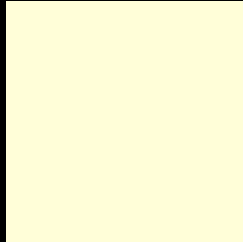
Large Text (above 18pt) WCAG AA × Fail

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 97.1015, 0.3359, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

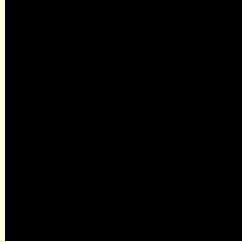
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.1015, 0.3359, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 97.1015, 0.3359, 0.3662.



This preview shows how white text looks on a background with the Yxy color 97.1015, 0.3359, 0.3662.

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

97.1015, 0.3359, 0.3662



Protanopia

97.3519, 0.3199, 0.3377

Deuteranopia

97.0939, 0.3164, 0.3309

Tritanopia

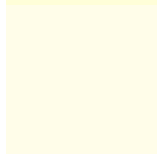
97.2852, 0.3123, 0.3252

Trichromacy



Original Color

97.1015, 0.3359, 0.3662



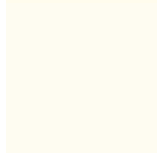
Protanomaly

97.3938, 0.3258, 0.3484



Deuteranomaly

96.9952, 0.3235, 0.3435



Tritanomaly

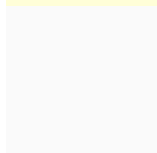
97.0425, 0.3204, 0.3396

Monochromacy



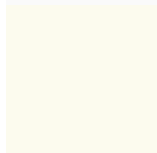
Original Color

97.1015, 0.3359, 0.3662



Achromatopsia

95.5973, 0.3127, 0.3290



Achromatomaly

95.8629, 0.3210, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.1015, 0.3359, 0.3662 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, 254, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 216)  
}
```

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, 254, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 216) }
```

Border

The CSS property to change the border of an element to Yxy 97.1015, 0.3359, 0.3662 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, 254, 216) }
```

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

```
.border{ border-color:rgb(255, 254, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 97.1015, 0.3359, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 216) }
```

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

```
.background{ background-color: rgb(255,  
254, 216) }
```

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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