

Converting Colors

$Yxy(97.4345, 0.3347, 0.3647)$

Have a look what the booklet for
Yxy(97.4345, 0.3347, 0.3647)
contains.

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Color

Yxy(97.2056, 0.3347, 0.3642)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEDA
RGB	255, 254, 218
RGB Percent	100%, 100%, 85%
CMY	0.0000, 0.0039, 0.1452
CMYK	0.00, 0.00, 0.15, 0.00
HSL	58°, 100%, 93%
HSV	58°, 15%, 100%
XYZ	89.3320, 97.2056, 80.3641
YIQ	250.1950, 12.1520, -10.9840

Conversions

Conversions Part 2

Format	Color
R _Y B	219, 255, 218
Decimal	16776922
CIE Lab	98.91, -5.53, 17.38
CIE LCh	99, 18.234, 107.648
Yxy	97.2056, 0.3347, 0.3642
Android (android.graphics.Color)	4294967002 (0xFFFFFEDA)
YUV	250.1950, -15.8721, 4.2140
Hunter-Lab	98.5929, -10.8042, 20.6871

Details

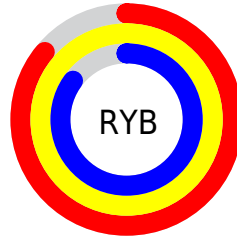
The Yxy color **97.2056, 0.3347, 0.3642** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.7617, 0.2892, 0.2912**, and the grayscale version is **95.8945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.5826, 0.3392, 0.3713** is the 20% darker color. If you saturate the color by 10%, you get **95.5466, 0.3503, 0.3890**, and if you desaturate by 10%, it is **99.0800, 0.3194, 0.3398**.

Distribution



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



- Red (86%)
- 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 97.2056, 0.3347, 0.3642 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 97.2056, 0.3347, 0.3642 by changing the saturation by 10% instead.


 97.2056, 0.3347,
0.3642

 97.2056, 0.3347,
0.3642


551.2021, 0.3251,
0.3486

 73.9721, 0.3367,
0.3676

157.3082, 0.3315,
0.3589

 54.7712, 0.3392,
0.3718


194.9461, 0.3302,
0.3568

 39.2185, 0.3422,
0.3769

238.1542, 0.3291,
0.3550

 26.9298, 0.3460,
0.3834

287.3170, 0.3281,
0.3534

 17.5205, 0.3509,
0.3919

342.8187, 0.3273,
0.3520

 10.6063, 0.3573,
0.4035

405.0439, 0.3265,

 5.8028, 0.3662,

0.3507

0.4203

474.3769, 0.3258,
0.3496

■ 2.7255, 0.3790,
0.4462

■ 0.9902, 0.4477,
0.5523

■ 97.2056, 0.3347,
0.3642

■ 97.2056, 0.3347,
0.3642

■ 95.5466, 0.3503,
0.3890


■ 99.0800, 0.3194,
0.3398


■ 94.0809, 0.3656,
0.4133

99.9990, 0.3127,
0.3290


■ 92.8026, 0.3802,
0.4363


■ 91.7008, 0.3935,
0.4568

 90.7633, 0.4047,
0.4741

 89.9765, 0.4135,
0.4872

 89.3244, 0.4196,
0.4959

 88.7875, 0.4230,
0.5004

 88.5268, 0.4241,
0.5015

Harmonies

Analogous

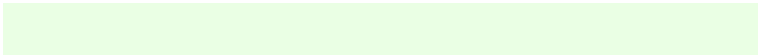
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.2056, 0.3483, 0.3579



97.2056, 0.3347, 0.3642



97.2056, 0.3155, 0.3605

Triad

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



97.2056, 0.3347, 0.3642



97.2056, 0.2748, 0.3117



97.2056, 0.3291, 0.3114

Complementary

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



97.2056, 0.3347, 0.3642



72.7617, 0.2892, 0.2912

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.



97.2056, 0.3090, 0.2999



97.2056, 0.3347, 0.3642



97.2056, 0.2781, 0.2996

Square

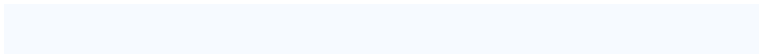
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



97.2056, 0.3347, 0.3642



97.2056, 0.2812, 0.3293



97.2056, 0.2904, 0.2955



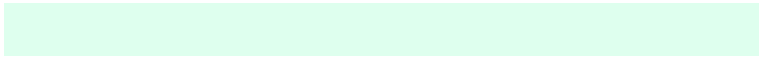
97.2056, 0.3451, 0.3274

Rectangle

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



97.2056, 0.3347, 0.3642



97.2056, 0.3022, 0.3527



97.2056, 0.2904, 0.2955



97.2056, 0.3225, 0.3069

Sweetspot

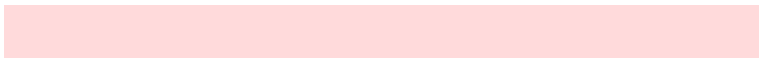
The Sweet Spot groups the original color and five complimentary colors.



97.2099, 0.3347, 0.3642



99.1875, 0.3186, 0.3385



76.5133, 0.3390, 0.3278



21.1983, 0.3198, 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.



97.2099, 0.3347, 0.3642



96.7828, 0.3385, 0.3703



94.7055, 0.3233, 0.3664



21.0030, 0.3270, 0.3519



46.2966, 0.4240, 0.5015



4.5329, 0.4234, 0.5020

Inverse Universe

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



72.7617, 0.2892, 0.2912



68.6542, 0.2848, 0.2840



75.0533, 0.3008, 0.2914



17.4550, 0.2978, 0.3051



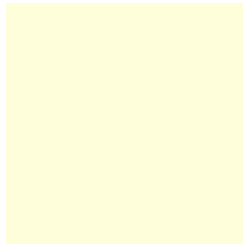
3.8830, 0.1505, 0.0616



0.4041, 0.1515, 0.0654

Previews

White Background



This preview shows how the Yxy color 97.2056, 0.3347, 0.3642 looks on a white background.

Color Contrast Check

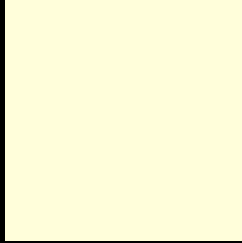
Large Text (above 18pt) WCAG AA × Fail

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 97.2056, 0.3347, 0.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

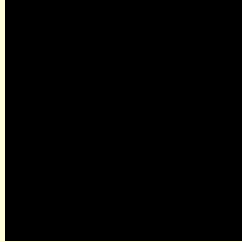
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.2056, 0.3347, 0.3642

Background



This preview shows how black text looks on a background with the Yxy color 97.2056, 0.3347, 0.3642.

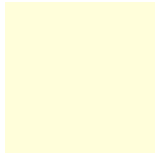


This preview shows how white text looks on a background with the Yxy color 97.2056, 0.3347, 0.3642.

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

97.2056, 0.3347, 0.3642



Protanopia

97.4125, 0.3193, 0.3367

Deuteranopia

97.0939, 0.3164, 0.3309

Tritanopia

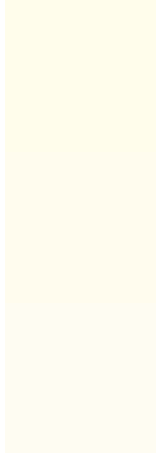
97.2852, 0.3123, 0.3252

Trichromacy



Original Color

97.2056, 0.3347, 0.3642



Protanomaly

97.5087, 0.3246, 0.3464

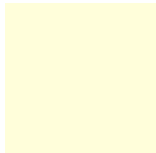
Deuteranomaly

97.0539, 0.3229, 0.3425

Tritanomaly

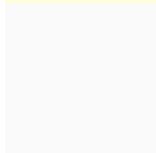
97.1024, 0.3199, 0.3387

Monochromacy



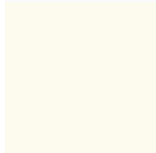
Original Color

97.2056, 0.3347, 0.3642



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 97.2056, 0.3347, 0.3642 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 218) }
```

Border

The CSS property to change the border of an element to Yxy 97.2056, 0.3347, 0.3642 is called "border". The border property can be set on classes, ids or directly on the HTML element.

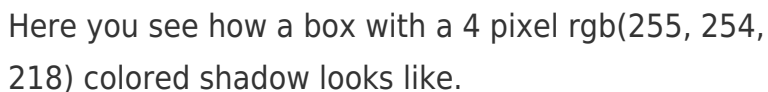
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 254, 218) }
```

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

```
.border{ border-color:rgb(255, 254, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 254, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 254, 218); box-shadow:4px 4px 4px 4px rgb(255, 254, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 97.2056, 0.3347, 0.3642 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, 218) }
```

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

```
.background{ background-color: rgb(255,  
254, 218) }
```

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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