

Converting Colors

$Yxy(94.9163, 0.3587, 0.4051)$

Have a look what the booklet for
Yxy(94.9163, 0.3587, 0.4051)
contains.

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Color

Yxy(95.1288, 0.3587, 0.4050)

Conversions

Conversions Part 1

Format	Color
Hex	FEFEB1
RGB	254, 254, 177
RGB Percent	100%, 100%, 69%
CMY	0.0039, 0.0039, 0.3060
CMYK	0.00, 0.00, 0.30, 0.00
HSL	60°, 98%, 85%
HSV	60°, 30%, 100%
XYZ	84.2536, 95.1288, 55.5035
YIQ	245.2220, 24.7170, -23.9470

Conversions

Conversions Part 2

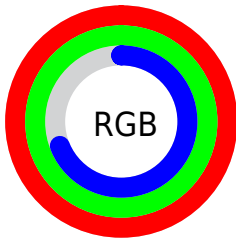
Format	Color
RYB	177, 254, 177
Decimal	16711345
CIELab	98.09, -11.44, 36.93
CIELCh	98, 38.663, 107.207
Yxy	95.1288, 0.3587, 0.4050
Android (android.graphics.Color)	4294901425 (0xFFFEFEB1)
YUV	245.2220, -33.6334, 7.6983
Hunter-Lab	97.5340, -16.4894, 34.5337

Details

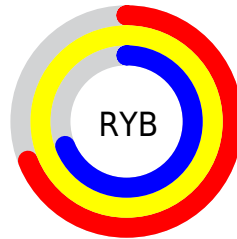
The Yxy color **95.1288, 0.3587, 0.4050** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **47.9433, 0.2587, 0.2397**, and the grayscale version is **91.7629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **53.1235, 0.3669, 0.4204** is the 20% darker color. If you saturate the color by 10%, you get **94.2096, 0.3733, 0.4291**, and if you desaturate by 10%, it is **96.2451, 0.3435, 0.3798**.

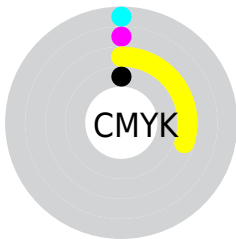
Distribution



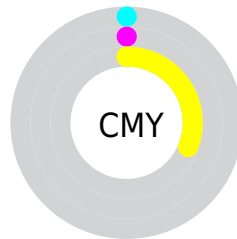
- Red (100%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1288, 0.3587, 0.4050 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 95.1288, 0.3587, 0.4050 by changing the saturation by 10% instead.


 95.1288, 0.3587,
0.4050

 95.1288, 0.3587,
0.4050

544.5772, 0.3392,
0.3711

 72.2422, 0.3627,
0.4124


 154.4425, 0.3523,
0.3935

 53.3565, 0.3675,
0.4212


191.6384, 0.3497,
0.3890

 38.0875, 0.3731,
0.4322


234.3729, 0.3474,
0.3850

 26.0506, 0.3798,
0.4458

283.0303, 0.3454,
0.3816

 16.8615, 0.3879,
0.4633

337.9950, 0.3436,
0.3785

 10.1358, 0.3973,
0.4861

399.6515, 0.3419,

 5.4891, 0.4077,

0.3758

0.5167

468.3841, 0.3405,
0.3733

■ 2.5370, 0.4270,
0.5730

■ 0.8951, 0.3897,
0.6103

■ 95.1288, 0.3587,
0.4050

■ 95.1288, 0.3587,
0.4050

■ 94.2096, 0.3733,
0.4291

■ 96.2451, 0.3435,
0.3798

■ 93.4642, 0.3866,
0.4511

■ 97.5553, 0.3282,
0.3545

■ 92.8853, 0.3981,
0.4701

■ 99.0727, 0.3132,
0.3298

■ 92.4601, 0.4073,
0.4853

■ 99.1922, 0.3121,
0.3281

■ 92.1739, 0.4138,
0.4960

99.1954, 0.3121,
0.3281

■ 92.0090, 0.4177,
0.5025

99.1986, 0.3121,
0.3281

■ 91.9376, 0.4194,
0.5052

99.2017, 0.3121,
0.3281

99.2049, 0.3121,
0.3281

99.2080, 0.3121,
0.3281

Harmonies

Analogous

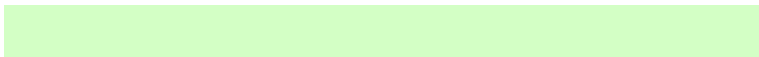
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1288, 0.3886, 0.3882



95.1288, 0.3587, 0.4050



95.1288, 0.3177, 0.3994

Triad

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



95.1288, 0.3587, 0.4050



95.1288, 0.2345, 0.2909



95.1288, 0.3465, 0.2921

Complementary

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



95.1288, 0.3587, 0.4050



47.9433, 0.2587, 0.2397

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.



95.1288, 0.3031, 0.2695



95.1288, 0.3587, 0.4050



95.1288, 0.2408, 0.2671

Square

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



95.1288, 0.3587, 0.4050



95.1288, 0.2472, 0.3287



95.1288, 0.2650, 0.2602



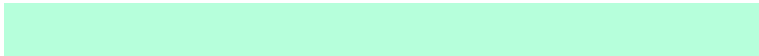
95.1288, 0.3821, 0.3235

Rectangle

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



95.1288, 0.3587, 0.4050



95.1288, 0.2898, 0.3821



95.1288, 0.2650, 0.2602



95.1288, 0.3322, 0.2833

Sweetspot

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



95.1331, 0.3587, 0.4050



98.6062, 0.3261, 0.3512



55.7349, 0.3803, 0.3278



21.0610, 0.3284, 0.3549



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

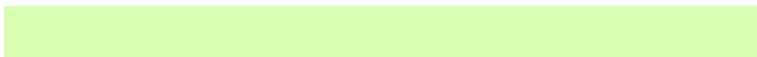
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1331, 0.3587, 0.4050



95.4200, 0.3671, 0.4189



88.7868, 0.3336, 0.4117



21.0901, 0.3269, 0.3525



48.4632, 0.4194, 0.5052



4.7189, 0.4194, 0.5052

Inverse Universe

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



47.9433, 0.2587, 0.2397



41.2995, 0.2467, 0.2199



52.9211, 0.2855, 0.2460



17.3784, 0.2978, 0.3044



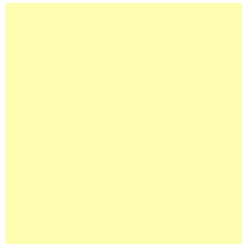
3.7734, 0.1500, 0.0600



0.3676, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 95.1288, 0.3587, 0.4050 looks on a white background.

Color Contrast Check

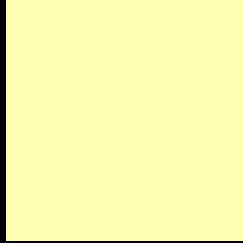
Large Text (above 18pt) WCAG AA × Fail

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 95.1288, 0.3587, 0.4050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

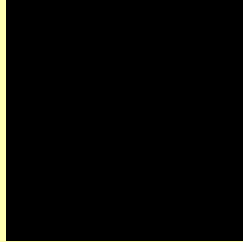
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.1288, 0.3587, 0.4050

Background



This preview shows how black text looks on a background with the Yxy color 95.1288, 0.3587, 0.4050.



This preview shows how white text looks on a background with the Yxy color 95.1288, 0.3587, 0.4050.

Color Blindness Simulation

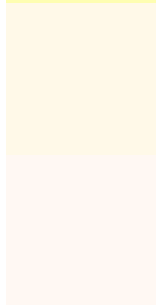
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.1288, 0.3587, 0.4050



Protanopia

94.8376, 0.3268, 0.3456

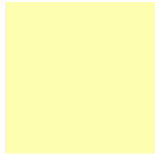
Deuteranopia

94.8659, 0.3202, 0.3338

Tritanopia

94.9373, 0.3137, 0.3223

Trichromacy



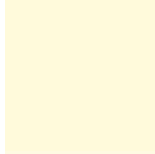
Original Color

95.1288, 0.3587, 0.4050



Protanomaly

95.0078, 0.3388, 0.3673



Deuteranomaly

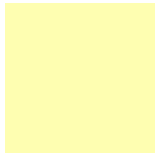
94.7457, 0.3346, 0.3594



Tritanomaly

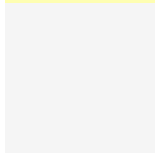
95.1222, 0.3303, 0.3525

Monochromacy



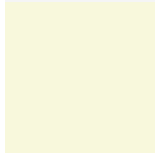
Original Color

95.1288, 0.3587, 0.4050



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.2586, 0.3296, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1288, 0.3587, 0.4050 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, 254, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 177)  
}
```

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, 254, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 177) }
```

Border

The CSS property to change the border of an element to Yxy 95.1288, 0.3587, 0.4050 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, 254, 177) }
```

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

```
.border{ border-color:rgb(254, 254, 177) }
```

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

Here you see how a box with a 4 pixel rgb(254, 254, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1288, 0.3587, 0.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 177) }
```

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

```
.background{ background-color: rgb(254,  
254, 177) }
```

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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