

Converting Colors

$Yxy(95.3959, 0.3614, 0.4086)$

Have a look what the booklet for
Yxy(95.3959, 0.3614, 0.4086)
contains.

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Color

Yxy(95.1608, 0.3617, 0.4087)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEAD
RGB	255, 254, 173
RGB Percent	100%, 100%, 68%
CMY	0.0001, 0.0039, 0.3216
CMYK	0.00, 0.00, 0.32, 0.00
HSL	59°, 100%, 84%
HSV	59°, 32%, 100%
XYZ	84.2174, 95.1608, 53.4596
YIQ	245.0650, 26.5970, -24.9790

Conversions

Conversions Part 2

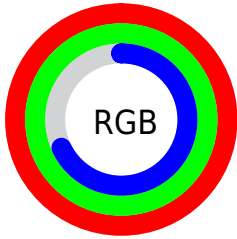
Format	Color
RYB	174, 255, 173
Decimal	16776877
CIELab	98.10, -11.56, 38.94
CIELCh	98, 40.621, 106.536
Yxy	95.1608, 0.3617, 0.4087
Android (android.graphics.Color)	4294966957 (0xFFFFFEAD)
YUV	245.0650, -35.5280, 8.7130
Hunter-Lab	97.5504, -16.6102, 35.7932

Details

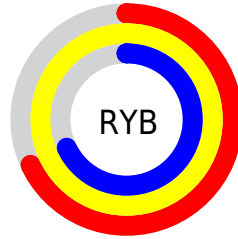
The Yxy color **95.1608, 0.3617, 0.4087** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **46.3567, 0.2550, 0.2345**, and the grayscale version is **91.6407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **53.1589, 0.3707, 0.4248** is the 20% darker color. If you saturate the color by 10%, you get **94.0806, 0.3763, 0.4323**, and if you desaturate by 10%, it is **96.4382, 0.3464, 0.3839**.

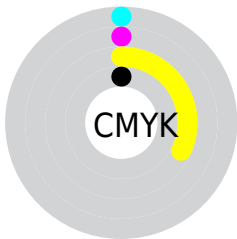
Distribution



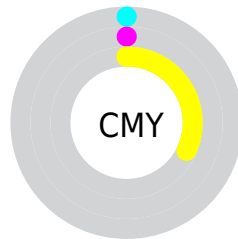
- Red (100%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (68%)



- Cyan (0%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1608, 0.3617, 0.4087 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 95.1608, 0.3617, 0.4087 by changing the saturation by 10% instead.

 95.1608, 0.3617,
0.4087

 95.1608, 0.3617,
0.4087


544.6796, 0.3409,
0.3732

 72.2688, 0.3659,
0.4164


 154.4867, 0.3549,
0.3967

 53.3783, 0.3709,
0.4256


191.6895, 0.3521,
0.3920

 38.1049, 0.3768,
0.4370


234.4313, 0.3497,
0.3878

 26.0641, 0.3839,
0.4511

283.0965, 0.3475,
0.3842

 16.8716, 0.3922,
0.4691

338.0695, 0.3456,
0.3810

 10.1430, 0.4017,
0.4923

399.7348, 0.3439,

 5.4939, 0.4126,

0.3781

0.5240

468.4767, 0.3423,
0.3755

■ 2.5398, 0.4264,
0.5736

■ 0.8965, 0.3886,
0.6114

■ 95.1608, 0.3617,
0.4087

■ 95.1608, 0.3617,
0.4087

■ 94.0806, 0.3763,
0.4323

■ 96.4382, 0.3464,
0.3839

■ 93.1741, 0.3896,
0.4537

■ 97.9098, 0.3310,
0.3588

■ 92.4336, 0.4010,
0.4720

■ 99.5892, 0.3159,
0.3342

■ 91.8459, 0.4100,
0.4862

99.9955, 0.3127,
0.3290

■ 91.3958, 0.4163,
0.4961

■ 91.0646, 0.4200,
0.5017

■ 90.8666, 0.4214,
0.5036

Harmonies

Analogous

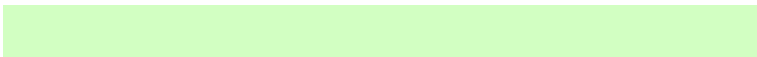
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1608, 0.3928, 0.3903



95.1608, 0.3617, 0.4087



95.1608, 0.3187, 0.4037

Triad

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



95.1608, 0.3617, 0.4087



95.1608, 0.2310, 0.2896



95.1608, 0.3472, 0.2897

Complementary

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



95.1608, 0.3617, 0.4087



46.3567, 0.2550, 0.2345

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.



95.1608, 0.3015, 0.2664



95.1608, 0.3617, 0.4087



95.1608, 0.2371, 0.2644

Square

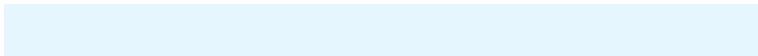
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.1608, 0.3617, 0.4087



95.1608, 0.2446, 0.3296



95.1608, 0.2619, 0.2570



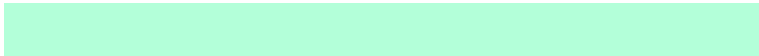
95.1608, 0.3850, 0.3223

Rectangle

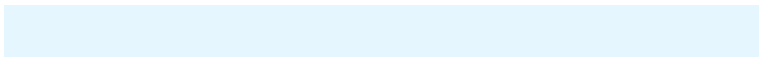
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.1608, 0.3617, 0.4087



95.1608, 0.2895, 0.3858



95.1608, 0.2619, 0.2570



95.1608, 0.3321, 0.2806

Sweetspot

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



95.1651, 0.3617, 0.4087



98.2744, 0.3277, 0.3534



54.2101, 0.3861, 0.3278



20.9865, 0.3298, 0.3569



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

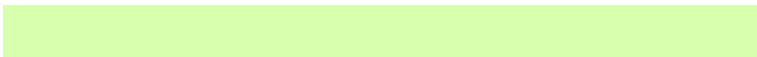
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1651, 0.3617, 0.4087



94.4228, 0.3718, 0.4251



89.0220, 0.3347, 0.4172



21.0520, 0.3269, 0.3522



47.5065, 0.4214, 0.5036



4.6369, 0.4211, 0.5038

Inverse Universe

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



46.3567, 0.2550, 0.2345



38.2614, 0.2405, 0.2107



51.1921, 0.2835, 0.2406



17.4119, 0.2978, 0.3047



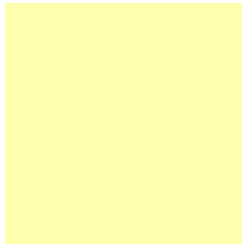
3.8213, 0.1502, 0.0607



0.3836, 0.1507, 0.0624

Previews

White Background



This preview shows how the Yxy color 95.1608, 0.3617, 0.4087 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 95.1608, 0.3617, 0.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

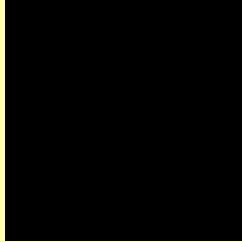
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.1608, 0.3617, 0.4087

Background



This preview shows how black text looks on a background with the Yxy color 95.1608, 0.3617, 0.4087.



This preview shows how white text looks on a background with the Yxy color 95.1608, 0.3617, 0.4087.

Color Blindness Simulation

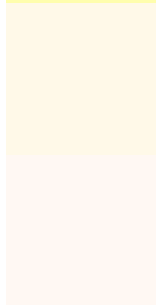
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.1608, 0.3617, 0.4087



Protanopia

94.8376, 0.3268, 0.3456

Deuteranopia

94.8659, 0.3202, 0.3338



Tritanopia

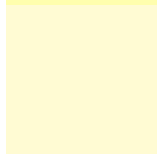
94.9373, 0.3137, 0.3223

Trichromacy



Original Color

95.1608, 0.3617, 0.4087



Protanomaly

94.9575, 0.3394, 0.3683



Deuteranomaly

94.6932, 0.3352, 0.3604



Tritanomaly

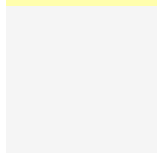
95.0675, 0.3309, 0.3534

Monochromacy



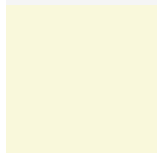
Original Color

95.1608, 0.3617, 0.4087



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.3890, 0.3309, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1608, 0.3617, 0.4087 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, 173)` looks like.

```
.text, #text, p{  
  color:rgb(255, 254, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 173) }
```

Border

The CSS property to change the border of an element to Yxy 95.1608, 0.3617, 0.4087 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, 173) }
```

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

```
.border{ border-color:rgb(255, 254, 173) }
```

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, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1608, 0.3617, 0.4087 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, 173) }
```

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

```
.background{ background-color: rgb(255,  
254, 173) }
```

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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