

Converting Colors

$Yxy(95.2895, 0.3647, 0.4166)$

Have a look what the booklet for
Yxy(95.2895, 0.3647, 0.4166)
contains.

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Color

Yxy(95.3440, 0.3648, 0.4165)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFA6
RGB	254, 255, 166
RGB Percent	100%, 100%, 65%
CMY	0.0040, 0.0000, 0.3491
CMYK	0.00, 0.00, 0.35, 0.00
HSL	61°, 100%, 83%
HSV	61°, 35%, 100%
XYZ	83.5090, 95.3440, 50.0642
YIQ	244.5550, 27.9730, -27.8910

Conversions

Conversions Part 2

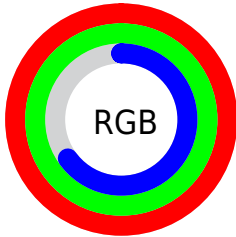
Format	Color
R _Y B	166, 255, 167
Decimal	16711590
CIE Lab	98.17, -13.23, 42.48
CIE LCh	98, 44.492, 107.295
Yxy	95.3440, 0.3648, 0.4165
Android (android.graphics.Color)	4294901670 (0xFFFEFFA6)
YUV	244.5550, -38.7276, 8.2833
Hunter-Lab	97.6443, -18.2176, 37.9518

Details

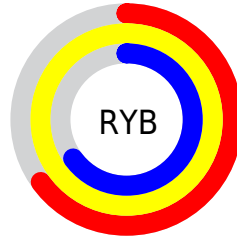
The Yxy color **95.3440, 0.3648, 0.4165** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.6973, 0.2498, 0.2240**, and the grayscale version is **91.2268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **53.3162, 0.3743, 0.4344** is the 20% darker color. If you saturate the color by 10%, you get **94.4400, 0.3787, 0.4399**, and if you desaturate by 10%, it is **96.4250, 0.3500, 0.3916**.

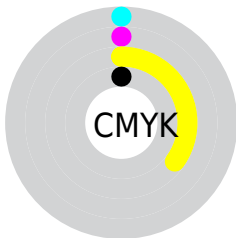
Distribution



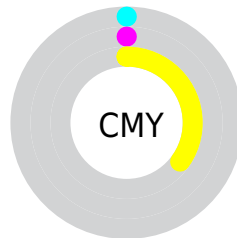
- Red (100%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.3440, 0.3648, 0.4165 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 95.3440, 0.3648, 0.4165 by changing the saturation by 10% instead.


 95.3440, 0.3648,
0.4165


 95.3440, 0.3648,
0.4165


545.2657, 0.3429,
0.3776

 72.4213, 0.3692,
0.4249


 154.7398, 0.3577,
0.4034

 53.5029, 0.3743,
0.4350


 191.9816, 0.3548,
0.3981

 38.2044, 0.3803,
0.4473


234.7654, 0.3522,
0.3936

 26.1414, 0.3874,
0.4626

283.4754, 0.3499,
0.3896

 16.9294, 0.3954,
0.4819

338.4960, 0.3479,
0.3861

 10.1842, 0.4041,
0.5065

400.2116, 0.3461,

 5.5213, 0.4155,

0.3829

0.5426

469.0067, 0.3444,
0.3801

■ 2.5562, 0.4175,
0.5825

■ 0.9047, 0.3724,
0.6276

■ 95.3440, 0.3648,
0.4165

■ 95.3440, 0.3648,
0.4165

■ 94.4400, 0.3787,
0.4399

■ 96.4250, 0.3500,
0.3916

■ 93.7148, 0.3910,
0.4609

■ 97.7060, 0.3349,
0.3662

■ 93.1521, 0.4013,
0.4784

■ 99.1921, 0.3199,
0.3410

■ 92.7380, 0.4091,
0.4919

100.0000, 0.3127,
0.3290

■ 92.4565, 0.4142,
0.5008

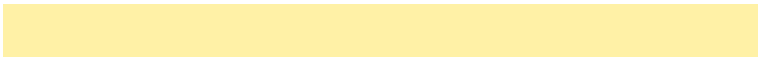
■ 92.2880, 0.4167,
0.5056

■ 92.2313, 0.4173,
0.5069

Harmonies

Analogous

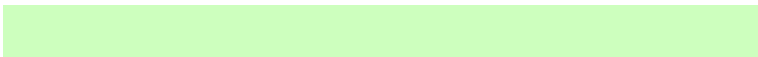
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.3440, 0.3995, 0.3962



95.3440, 0.3648, 0.4165



95.3440, 0.3177, 0.4108

Triad

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



95.3440, 0.3648, 0.4165



95.3440, 0.2238, 0.2847



95.3440, 0.3515, 0.2870

Complementary

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



95.3440, 0.3648, 0.4165



42.6973, 0.2498, 0.2240

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.



95.3440, 0.3015, 0.2616



95.3440, 0.3648, 0.4165



95.3440, 0.2310, 0.2581

Square

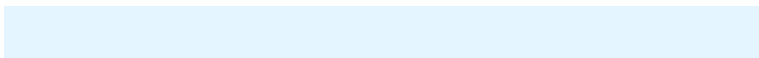
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.3440, 0.3648, 0.4165



95.3440, 0.2378, 0.3280



95.3440, 0.2582, 0.2509



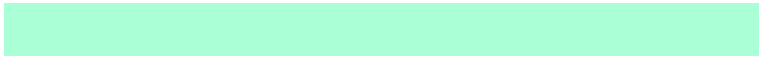
95.3440, 0.3928, 0.3223

Rectangle

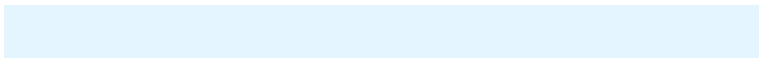
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.3440, 0.3648, 0.4165



95.3440, 0.2859, 0.3906



95.3440, 0.2582, 0.2509



95.3440, 0.3350, 0.2772

Sweetspot

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



95.3397, 0.3648, 0.4165



98.4099, 0.3275, 0.3537



51.2750, 0.3965, 0.3292



21.0196, 0.3296, 0.3573



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

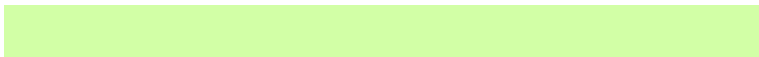
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.3397, 0.3648, 0.4165



94.6835, 0.3748, 0.4333



88.0454, 0.3354, 0.4257



21.0796, 0.3267, 0.3525



48.1977, 0.4173, 0.5068



4.6961, 0.4176, 0.5066

Inverse Universe

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



42.6973, 0.2498, 0.2240



34.7697, 0.2346, 0.1987



48.2560, 0.2814, 0.2326



17.3877, 0.2980, 0.3044



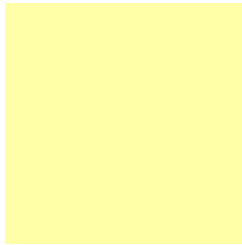
3.7867, 0.1503, 0.0602



0.3720, 0.1512, 0.0606

Previews

White Background



This preview shows how the Yxy color 95.3440, 0.3648, 0.4165 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 95.3440, 0.3648, 0.4165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

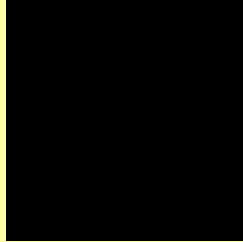
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.3440, 0.3648, 0.4165

Background



This preview shows how black text looks on a background with the Yxy color 95.3440, 0.3648, 0.4165.

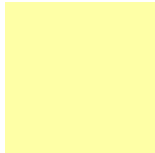


This preview shows how white text looks on a background with the Yxy color 95.3440, 0.3648, 0.4165.

Color Blindness Simulation

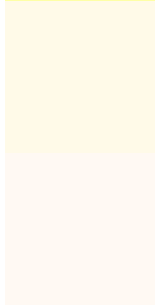
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.3440, 0.3648, 0.4165



Protanopia

95.4574, 0.3267, 0.3465

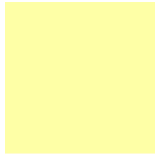
Deuteranopia

95.4824, 0.3201, 0.3348

Tritanopia

95.5506, 0.3136, 0.3233

Trichromacy



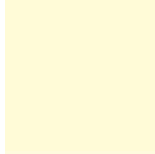
Original Color

95.3440, 0.3648, 0.4165



Protanomaly

95.4349, 0.3411, 0.3723



Deuteranomaly

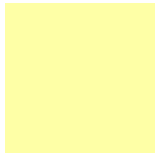
95.1607, 0.3369, 0.3643



Tritanomaly

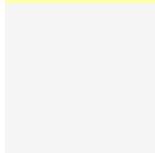
95.5283, 0.3327, 0.3574

Monochromacy



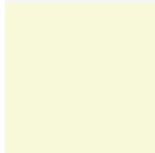
Original Color

95.3440, 0.3648, 0.4165



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.6657, 0.3319, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.3440, 0.3648, 0.4165 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 166) }
```

Border

The CSS property to change the border of an element to Yxy 95.3440, 0.3648, 0.4165 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, 166) }
```

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

```
.border{ border-color:rgb(254, 255, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 166);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 95.3440, 0.3648, 0.4165 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, 166) }
```

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

```
.background{ background-color: rgb(254,  
255, 166) }
```

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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