

Converting Colors

$Y_{xy}(95.4660, 0.3392, 0.3770)$

Have a look what the booklet for
Yxy(95.4660, 0.3392, 0.3770)
contains.

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Color

Yxy(95.6154, 0.3392, 0.3776)

Conversions

Conversions Part 1

Format	Color
Hex	FAFECB
RGB	250, 254, 205
RGB Percent	98%, 100%, 80%
CMY	0.0196, 0.0039, 0.1959
CMYK	0.02, 0.00, 0.19, 0.00
HSL	65°, 96%, 90%
HSV	65°, 19%, 100%
XYZ	85.8918, 95.6154, 71.7116
YIQ	247.2180, 13.3450, -16.0870

Conversions

Conversions Part 2

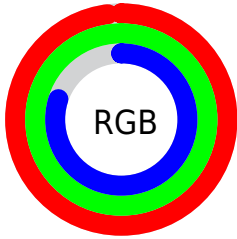
Format	Color
RYP	205, 254, 209
Decimal	16449229
CIELab	98.28, -9.18, 23.02
CIELCh	98, 24.787, 111.742
Yxy	95.6154, 0.3392, 0.3776
Android (android.graphics.Color)	4294639309 (0xFFFAFECB)
YUV	247.2180, -20.8135, 2.4398
Hunter-Lab	97.7831, -14.3277, 24.9665

Details

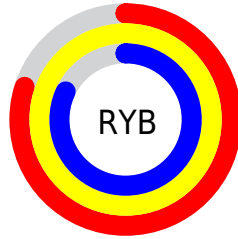
The Yxy color **95.6154, 0.3392, 0.3776** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.3988, 0.2832, 0.2762**, and the grayscale version is **93.3689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.5043, 0.3442, 0.3873** is the 20% darker color. If you saturate the color by 10%, you get **94.1101, 0.3530, 0.4035**, and if you desaturate by 10%, it is **97.3325, 0.3253, 0.3520**.

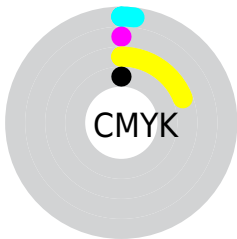
Distribution



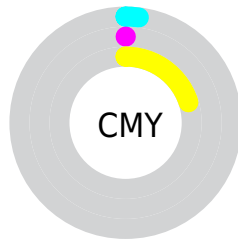
- Red (98%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6154, 0.3392, 0.3776 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 95.6154, 0.3392, 0.3776 by changing the saturation by 10% instead.


 95.6154, 0.3392,
0.3776

 95.6154, 0.3392,
0.3776


546.1332, 0.3278,
0.3559

 72.6473, 0.3416,
0.3824


155.1145, 0.3354,
0.3702

 53.6876, 0.3445,
0.3882


192.4143, 0.3339,
0.3673

 38.3520, 0.3480,
0.3954


235.2601, 0.3325,
0.3648

 26.2560, 0.3524,
0.4046

284.0364, 0.3314,
0.3625

 17.0152, 0.3579,
0.4166

339.1274, 0.3303,
0.3606

 10.2454, 0.3650,
0.4330

400.9176, 0.3294,

 5.5619, 0.3742,

0.3588

0.4565

469.7914, 0.3285,
0.3573

■ 2.5806, 0.3893,
0.4965

■ 0.9169, 0.4137,
0.5863

■ 95.6154, 0.3392,
0.3776

■ 95.6154, 0.3392,
0.3776

■ 94.1101, 0.3530,
0.4035

■ 97.3325, 0.3253,
0.3520

■ 92.7942, 0.3661,
0.4287

■ 99.2034, 0.3122,
0.3281

■ 91.6617, 0.3781,
0.4523

■ 99.3641, 0.3128,
0.3281

■ 90.7012, 0.3884,
0.4732

■ 89.8999, 0.3963,
0.4905

■ 89.2433, 0.4017,
0.5035

■ 88.7143, 0.4044,
0.5120

■ 88.2866, 0.4048,
0.5165

■ 88.2572, 0.4048,
0.5168

Harmonies

Analogous

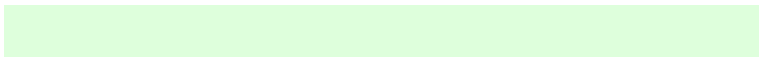
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6154, 0.3595, 0.3701



95.6154, 0.3392, 0.3776



95.6154, 0.3124, 0.3709

Triad

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



95.6154, 0.3392, 0.3776



95.6154, 0.2612, 0.3022



95.6154, 0.3385, 0.3078

Complementary

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



95.6154, 0.3392, 0.3776



64.3988, 0.2832, 0.2762

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.



95.6154, 0.3112, 0.2914



95.6154, 0.3392, 0.3776



95.6154, 0.2674, 0.2875

Square

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



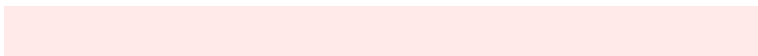
95.6154, 0.3392, 0.3776



95.6154, 0.2680, 0.3256



95.6154, 0.2853, 0.2840



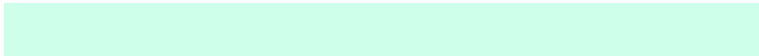
95.6154, 0.3593, 0.3296

Rectangle

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



95.6154, 0.3392, 0.3776



95.6154, 0.2946, 0.3590



95.6154, 0.2853, 0.2840



95.6154, 0.3297, 0.3016

Sweetspot

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



95.6196, 0.3392, 0.3776



98.8177, 0.3208, 0.3438



70.7419, 0.3503, 0.3325



21.1245, 0.3217, 0.3454



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

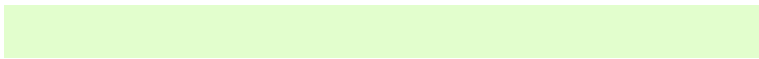
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6196, 0.3392, 0.3776



95.8859, 0.3444, 0.3873



91.5043, 0.3236, 0.3801



21.0110, 0.3256, 0.3526



46.5611, 0.4051, 0.5166



4.5549, 0.4068, 0.5152

Inverse Universe

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



64.3988, 0.2832, 0.2762



59.2936, 0.2767, 0.2646



68.1261, 0.2997, 0.2787



17.4485, 0.2991, 0.3045



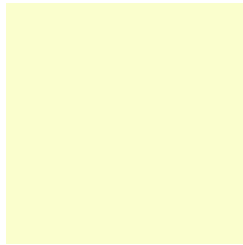
3.8792, 0.1525, 0.0614



0.4009, 0.1580, 0.0644

Previews

White Background



This preview shows how the Yxy color 95.6154, 0.3392, 0.3776 looks on a white background.

Color Contrast Check

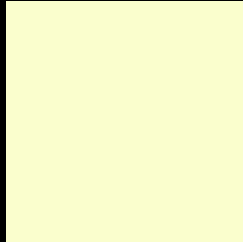
Large Text (above 18pt) WCAG AA × Fail

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 95.6154, 0.3392, 0.3776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

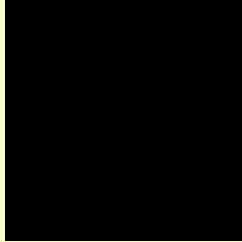
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.6154, 0.3392, 0.3776

Background



This preview shows how black text looks on a background with the Yxy color 95.6154, 0.3392, 0.3776.



This preview shows how white text looks on a background with the Yxy color 95.6154, 0.3392, 0.3776.

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

95.6154, 0.3392, 0.3776

Protanopia

95.6873, 0.3243, 0.3426

Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

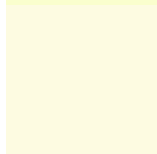
95.8540, 0.3117, 0.3233

Trichromacy



Original Color

95.6154, 0.3392, 0.3776



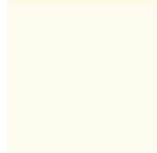
Protanomaly

95.3132, 0.3295, 0.3545



Deuteranomaly

95.5902, 0.3265, 0.3495



Tritanomaly

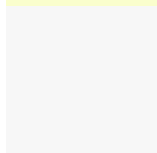
95.8042, 0.3216, 0.3426

Monochromacy



Original Color

95.6154, 0.3392, 0.3776



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.1539, 0.3221, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6154, 0.3392, 0.3776 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(250, 254, 205)` looks like.

```
.text, #text, p{  
    color:rgb(250, 254, 205)  
}
```

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(250, 254, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 254, 205) }
```

Border

The CSS property to change the border of an element to Yxy 95.6154, 0.3392, 0.3776 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(250, 254, 205) }
```

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

```
.border{ border-color:rgb(250, 254, 205) }
```

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

Here you see how a box with a 4 pixel rgb(250, 254, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 254, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 254, 205);  
box-shadow:4px 4px 4px 4px rgb(250, 254,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6154, 0.3392, 0.3776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 254, 205) }
```

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

```
.background{ background-color: rgb(250,  
254, 205) }
```

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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