

Converting Colors

$Yxy(83.9778, 0.3387, 0.3542)$

Have a look what the booklet for
Yxy(83.9778, 0.3387, 0.3542)
contains.

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Color

Yxy(84.2095, 0.3384, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	F9EBD2
RGB	249, 235, 210
RGB Percent	98%, 92%, 82%
CMY	0.0235, 0.0784, 0.1764
CMYK	0.00, 0.06, 0.16, 0.02
HSL	38°, 76%, 90%
HSV	38°, 16%, 98%
XYZ	80.4077, 84.2095, 72.9942
YIQ	236.3360, 16.3690, -4.8070

Conversions

Conversions Part 2

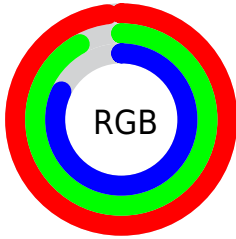
Format	Color
RYB	232, 249, 210
Decimal	16378834
CIELab	93.54, 0.72, 13.82
CIELCh	94, 13.843, 86.999
Yxy	84.2095, 0.3384, 0.3544
Android (android.graphics.Color)	4294568914 (0xFFFF9EBD2)
YUV	236.3360, -12.9836, 11.1063
Hunter-Lab	91.7657, -4.1833, 17.0743

Details

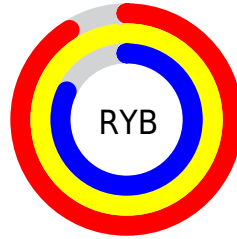
The Yxy color **84.2095, 0.3384, 0.3544** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.8535, 0.2878, 0.3022**, and the grayscale version is **84.2459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.8470, 0.3435, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **78.0784, 0.3570, 0.3714**, and if you desaturate by 10%, it is **90.7982, 0.3215, 0.3379**.

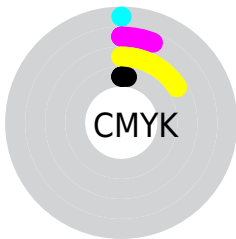
Distribution



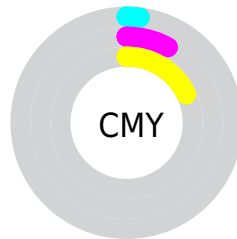
- Red (98%)
- Green (92%)
- Blue (82%)



- Red (91%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.2095, 0.3384, 0.3544 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 84.2095, 0.3384, 0.3544 by changing the saturation by 10% instead.

 84.2095, 0.3384,
0.3544

 84.2095, 0.3384,
0.3544


509.0087, 0.3268,
0.3430

 63.1884, 0.3410,
0.3569


139.2682, 0.3344,
0.3505

 45.9937, 0.3441,
0.3600


174.0746, 0.3329,
0.3490

 32.2408, 0.3481,
0.3639


214.2449, 0.3315,
0.3476

 21.5455, 0.3531,
0.3688

260.1635, 0.3304,
0.3465

 13.5233, 0.3598,
0.3754

312.2148, 0.3293,
0.3454

 7.7899, 0.3691,
0.3844

370.7831, 0.3284,

 3.9608, 0.3829,

0.3445

0.3977

436.2530, 0.3276,
0.3437

■ 1.6517, 0.4079,
0.4220

■ 0.3921, 0.4989,
0.5011

■ 84.2095, 0.3384,
0.3544

■ 84.2095, 0.3384,
0.3544

■ 78.0784, 0.3570,
0.3714

■ 90.7982, 0.3215,
0.3379

■ 72.3810, 0.3773,
0.3886

■ 97.5316, 0.3091,
0.3270

■ 67.1076, 0.3988,
0.4050

■ 98.8791, 0.3090,
0.3290

■ 62.2439, 0.4209,
0.4199

■ 57.7743, 0.4428,
0.4321

■ 53.6816, 0.4634,
0.4403

■ 49.9464, 0.4815,
0.4436

■ 46.5452, 0.4964,
0.4416

■ 45.1589, 0.5020,
0.4396

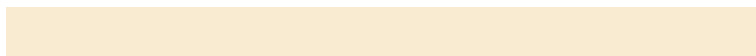
Harmonies

Analogous

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



84.2095, 0.3441, 0.3452



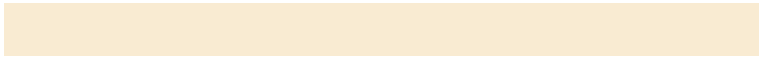
84.2095, 0.3384, 0.3544



84.2095, 0.3258, 0.3569

Triad

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



84.2095, 0.3384, 0.3544



84.2095, 0.2851, 0.3248



84.2095, 0.3149, 0.3080

Complementary

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



84.2095, 0.3384, 0.3544



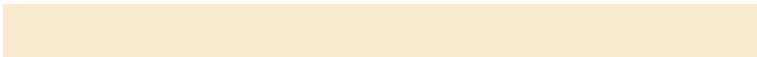
73.8535, 0.2878, 0.3022

Split Complementary

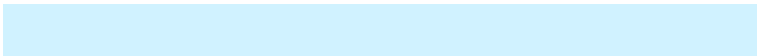
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.2095, 0.2992, 0.3025



84.2095, 0.3384, 0.3544



84.2095, 0.2823, 0.3117

Square

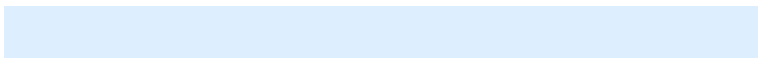
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.2095, 0.3384, 0.3544



84.2095, 0.2951, 0.3395



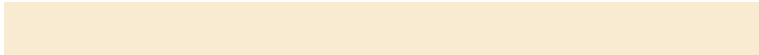
84.2095, 0.2874, 0.3038



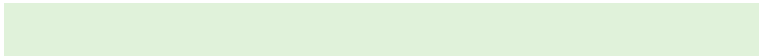
84.2095, 0.3303, 0.3187

Rectangle

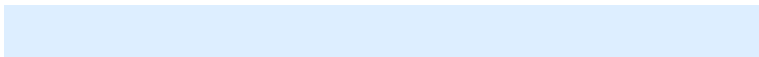
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.2095, 0.3384, 0.3544



84.2095, 0.3154, 0.3541



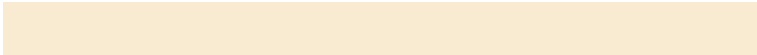
84.2095, 0.2874, 0.3038



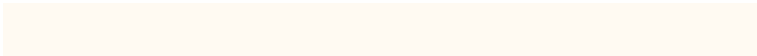
84.2095, 0.3094, 0.3055

Sweetspot

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



84.2132, 0.3384, 0.3544



96.3214, 0.3205, 0.3369



71.6356, 0.3319, 0.3144



20.5082, 0.3216, 0.3380



0.0000, 0.0000, 0.0000



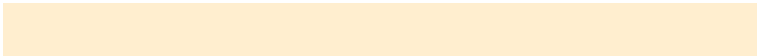
21.4041, 0.3127, 0.3290

Same Dimension

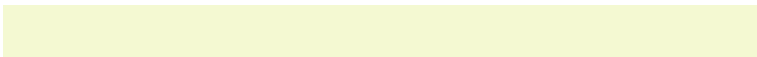
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2132, 0.3384, 0.3544



86.6679, 0.3445, 0.3601



91.5997, 0.3328, 0.3684



19.0816, 0.3278, 0.3442



24.4524, 0.5003, 0.4409



2.4653, 0.4881, 0.4506

Inverse Universe

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



73.8535, 0.2878, 0.3022



73.6973, 0.2822, 0.2958



67.4161, 0.2907, 0.2873



17.6623, 0.2979, 0.3134



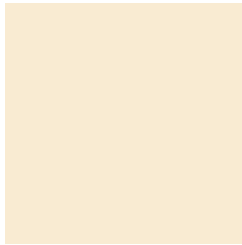
7.7606, 0.1651, 0.1144



0.9114, 0.1717, 0.1380

Previews

White Background



This preview shows how the Yxy color 84.2095, 0.3384, 0.3544 looks on a white background.

Color Contrast Check

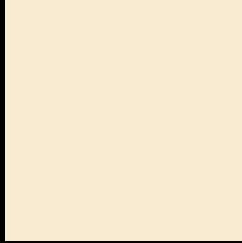
Large Text (above 18pt) WCAG AA × Fail

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 84.2095, 0.3384, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

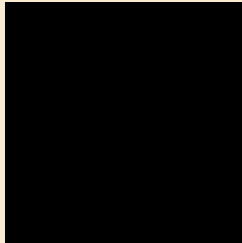
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.2095, 0.3384, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 84.2095, 0.3384, 0.3544.

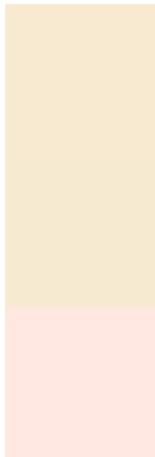


This preview shows how white text looks on a background with the Yxy color 84.2095, 0.3384, 0.3544.

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

84.2095, 0.3384, 0.3544

Protanopia

84.4182, 0.3368, 0.3555

Deuteranopia

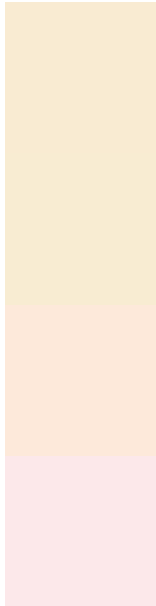
84.3009, 0.3345, 0.3380



Tritanopia

84.4418, 0.3176, 0.3115

Trichromacy



Original Color

84.2095, 0.3384, 0.3544

Protanomaly

84.6005, 0.3376, 0.3555

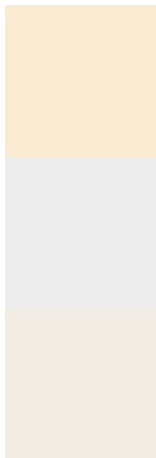
Deuteranomaly

84.2224, 0.3362, 0.3441

Tritanomaly

84.3492, 0.3251, 0.3271

Monochromacy



Original Color

84.2095, 0.3384, 0.3544

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.2377, 0.3217, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.2095, 0.3384, 0.3544 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(249, 235, 210)` looks like.

```
.text, #text, p{  
    color:rgb(249, 235, 210)  
}
```

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(249, 235, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 235, 210) }
```

Border

The CSS property to change the border of an element to Yxy 84.2095, 0.3384, 0.3544 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(249, 235, 210) }
```

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

```
.border{ border-color:rgb(249, 235, 210) }
```

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

Here you see how a box with a 4 pixel rgb(249, 235, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 235, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 235, 210);  
box-shadow:4px 4px 4px 4px rgb(249, 235,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 84.2095, 0.3384, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 235, 210) }
```

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

```
.background{ background-color: rgb(249,  
235, 210) }
```

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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