

Converting Colors

Yxy(94.1842, 0.3190, 0.3450)

Have a look what the booklet for
Yxy(94.1842, 0.3190, 0.3450)
contains.

Yxy(94.3474, 0.3189, 0.3458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(94.3474, 0.3189, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	F5FBEA
RGB	245, 251, 234
RGB Percent	96%, 98%, 92%
CMY	0.0392, 0.0157, 0.0823
CMYK	0.02, 0.00, 0.07, 0.02
HSL	81°, 68%, 95%
HSV	81°, 7%, 98%
XYZ	87.0081, 94.3474, 91.4826
YIQ	247.2680, 1.8810, -6.5590

Conversions

Conversions Part 2

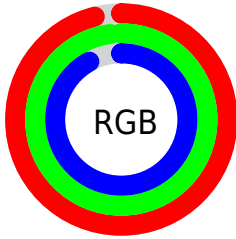
Format	Color
R_{YB}	234, 251, 240
Decimal	16120810
CIE Lab	97.77, -4.91, 7.44
CIE LCh	98, 8.911, 123.433
Yxy	94.3474, 0.3189, 0.3458
Android (android.graphics.Color)	4294310890 (0xFFFF5FBEA)
YUV	247.2680, -6.5411, -1.9890
Hunter-Lab	97.1326, -10.0878, 12.1516

Details

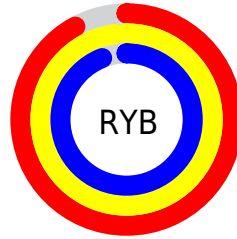
The Yxy color 94.3474, 0.3189, 0.3458 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.3526, 0.3062, 0.3120, and the grayscale version is 93.2985, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.0634, 0.3206, 0.3505 is the 20% darker color. If you saturate the color by 10%, you get 91.4526, 0.3281, 0.3721, and if you desaturate by 10%, it is 97.2628, 0.3122, 0.3252.

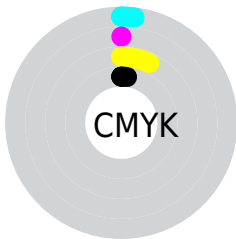
Distribution



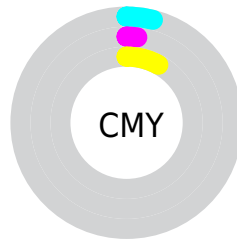
- Red (96%)
- Green (98%)
- Blue (92%)



- Red (92%)
- Yellow (98%)
- Blue (94%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)




- Cyan (4%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3474, 0.3189, 0.3458 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 94.3474, 0.3189, 0.3458 by changing the saturation by 10% instead.


 94.3474, 0.3189,
0.3458

 94.3474, 0.3189,
0.3458


542.0736, 0.3162,
0.3383

 71.5919, 0.3195,
0.3474


153.3627, 0.3180,
0.3433

 52.8254, 0.3202,
0.3494


190.3913, 0.3176,
0.3423

 37.6634, 0.3210,
0.3519


232.9465, 0.3173,
0.3414

 25.7216, 0.3221,
0.3551

281.4125, 0.3170,
0.3406

 16.6154, 0.3236,
0.3593

336.1739, 0.3168,
0.3399

 9.9607, 0.3255,
0.3651

397.6149, 0.3166,

 5.3729, 0.3282,

0.3393

0.3737

466.1200, 0.3164,
0.3388

■ 2.4677, 0.3323,
0.3876

■ 0.8604, 0.3533,
0.4356

■ 94.3474, 0.3189,
0.3458

■ 94.3474, 0.3189,
0.3458

■ 91.4526, 0.3281,
0.3721

■ 97.2628, 0.3122,
0.3252

■ 88.8249, 0.3371,
0.3998

■ 97.4763, 0.3129,
0.3252

■ 86.4581, 0.3455,
0.4282

■ 84.3414, 0.3529,
0.4563

■ 82.4627, 0.3587,
0.4830

■ 80.8089, 0.3624,
0.5070

■ 79.3654, 0.3637,
0.5269

■ 78.1149, 0.3625,
0.5419

■ 77.0361, 0.3589,
0.5518

Harmonies

Analogous

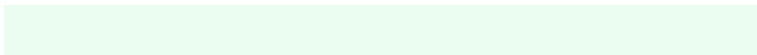
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3474, 0.3273, 0.3455



94.3474, 0.3189, 0.3458



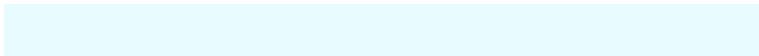
94.3474, 0.3090, 0.3415

Triad

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



94.3474, 0.3189, 0.3458



94.3474, 0.2940, 0.3170



94.3474, 0.3254, 0.3243

Complementary

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



94.3474, 0.3189, 0.3458



84.3526, 0.3062, 0.3120

Split Complementary

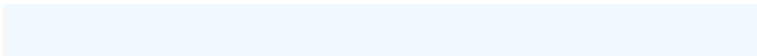
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.3474, 0.3163, 0.3170



94.3474, 0.3189, 0.3458



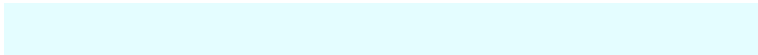
94.3474, 0.2982, 0.3128

Square

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



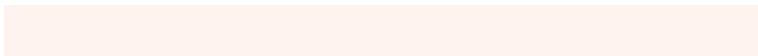
94.3474, 0.3189, 0.3458



94.3474, 0.2947, 0.3246



94.3474, 0.3063, 0.3128



94.3474, 0.3311, 0.3329

Rectangle

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



94.3474, 0.3189, 0.3458



94.3474, 0.3028, 0.3365



94.3474, 0.3063, 0.3128



94.3474, 0.3226, 0.3217

Sweetspot

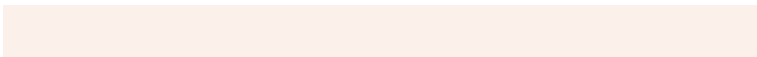
The Sweet Spot groups the original color and five complimentary colors.



94.3515, 0.3189, 0.3458



99.3358, 0.3145, 0.3339



88.7516, 0.3237, 0.3349



21.2689, 0.3144, 0.3336



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.



94.3515, 0.3189, 0.3458



97.4139, 0.3200, 0.3490



92.8686, 0.3135, 0.3461



19.8661, 0.3214, 0.3528



40.4073, 0.3585, 0.5536



3.8017, 0.3658, 0.5478

Inverse Universe

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



84.3526, 0.3062, 0.3120



85.2507, 0.3050, 0.3088



85.8637, 0.3118, 0.3123



16.9412, 0.3034, 0.3049



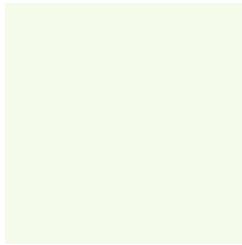
4.8422, 0.1772, 0.0750



0.5053, 0.1901, 0.0821

Previews

White Background



This preview shows how the Yxy color 94.3474, 0.3189, 0.3458 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 94.3474, 0.3189, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

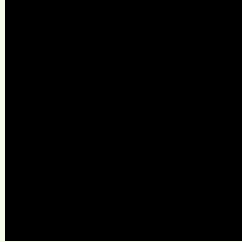
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

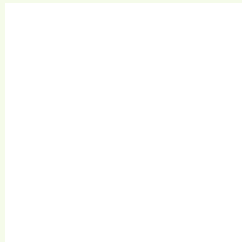
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.3474, 0.3189, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 94.3474, 0.3189, 0.3458.

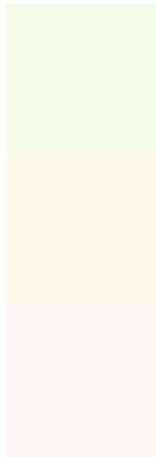


This preview shows how white text looks on a background with the Yxy color 94.3474, 0.3189, 0.3458.

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

94.3474, 0.3189, 0.3458

Protanopia

94.4509, 0.3244, 0.3407

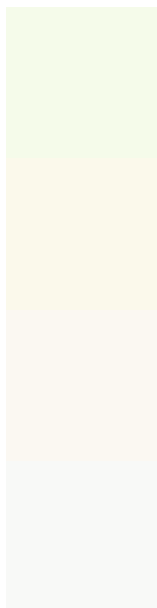
Deuteranopia

94.4353, 0.3185, 0.3300

Tritanopia

94.4945, 0.3092, 0.3222

Trichromacy



Original Color

94.3474, 0.3189, 0.3458

Protanomaly

94.2588, 0.3223, 0.3427

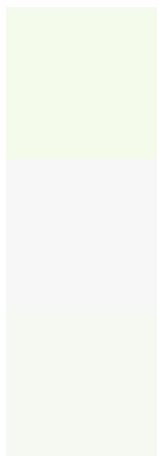
Deuteranomaly

94.0548, 0.3182, 0.3349

Tritanomaly

94.4232, 0.3133, 0.3310

Monochromacy



Original Color

94.3474, 0.3189, 0.3458

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.1384, 0.3150, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3474, 0.3189, 0.3458 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(245, 251, 234)` looks like.

```
.text, #text, p{  
    color:rgb(245, 251, 234)  
}
```

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(245, 251, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 251, 234) }
```

Border

The CSS property to change the border of an element to Yxy 94.3474, 0.3189, 0.3458 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(245, 251, 234) }
```

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

```
.border{ border-color:rgb(245, 251, 234) }
```

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

Here you see how a box with a 4 pixel rgb(245, 251, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 251, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 251, 234);  
box-shadow:4px 4px 4px 4px rgb(245, 251,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3474, 0.3189, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 251, 234) }
```

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

```
.background{ background-color: rgb(245,  
251, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor