

Converting Colors

Yxy(94.4691, 0.3181, 0.3421)

Have a look what the booklet for
Yxy(94.4691, 0.3181, 0.3421)
contains.

Yxy(94.2598, 0.3185, 0.3418)	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(94.2598, 0.3185, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	F7FAED
RGB	247, 250, 237
RGB Percent	97%, 98%, 93%
CMY	0.0313, 0.0196, 0.0706
CMYK	0.01, 0.00, 0.05, 0.02
HSL	74°, 57%, 95%
HSV	74°, 5%, 98%
XYZ	87.8342, 94.2598, 93.6807
YIQ	247.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

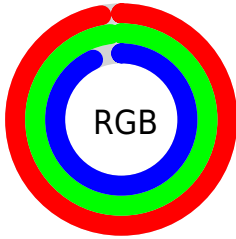
Format	Color
R _Y B	237, 250, 240
Decimal	16251629
CIE Lab	97.74, -3.23, 5.88
CIE LCh	98, 6.703, 118.766
Yxy	94.2598, 0.3185, 0.3418
Android (android.graphics.Color)	4294441709 (0xFFF7FAED)
YUV	247.6210, -5.2362, -0.5446
Hunter-Lab	97.0875, -8.4156, 10.7517

Details

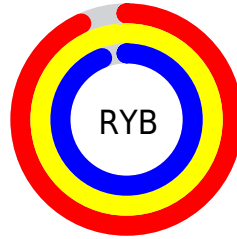
The Yxy color 94.2598, 0.3185, 0.3418 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.9887, 0.3067, 0.3160, and the grayscale version is 93.5907, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.9961, 0.3200, 0.3453 is the 20% darker color. If you saturate the color by 10%, you get 91.8779, 0.3298, 0.3675, and if you desaturate by 10%, it is 96.4267, 0.3115, 0.3242.

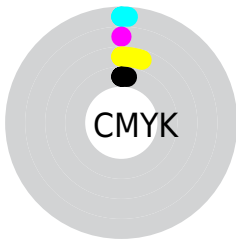
Distribution



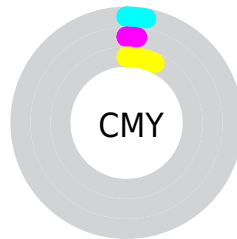
- Red (97%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (94%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)





- Cyan (3%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.2598, 0.3185, 0.3418 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 94.2598, 0.3185, 0.3418 by changing the saturation by 10% instead.


 94.2598, 0.3185,
0.3418

 94.2598, 0.3185,
0.3418


541.7926, 0.3160,
0.3361

 71.5191, 0.3191,
0.3430


153.2416, 0.3176,
0.3399

 52.7659, 0.3197,
0.3446


190.2514, 0.3173,
0.3391

 37.6159, 0.3205,
0.3464


232.7864, 0.3170,
0.3384

 25.6847, 0.3216,
0.3489

281.2310, 0.3167,
0.3379

 16.5879, 0.3229,
0.3520

335.9695, 0.3165,
0.3374

 9.9411, 0.3248,
0.3564

397.3863, 0.3163,

 5.3599, 0.3275,

0.3369

0.3628

465.8659, 0.3161,
0.3365

■ 2.4600, 0.3316,
0.3732

■ 0.8565, 0.3479,
0.4052

■ 94.2598, 0.3185,
0.3418

■ 94.2598, 0.3185,
0.3418

■ 91.8779, 0.3298,
0.3675

■ 96.4267, 0.3115,
0.3242

■ 89.7190, 0.3410,
0.3943

■ 96.8515, 0.3129,
0.3242

■ 87.7779, 0.3518,
0.4213

■ 86.0446, 0.3616,
0.4478

■ 84.5082, 0.3699,
0.4726

■ 83.1570, 0.3762,
0.4946

■ 81.9774, 0.3800,
0.5126

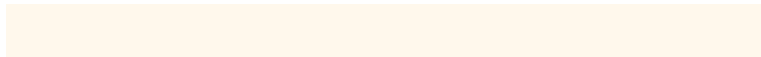
■ 80.9537, 0.3812,
0.5260

■ 80.0669, 0.3799,
0.5346

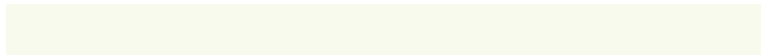
Harmonies

Analogous

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



94.2598, 0.3244, 0.3410



94.2598, 0.3185, 0.3418



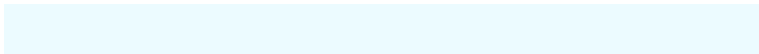
94.2598, 0.3111, 0.3390

Triad

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



94.2598, 0.3185, 0.3418



94.2598, 0.2984, 0.3208



94.2598, 0.3213, 0.3245

Complementary

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



94.2598, 0.3185, 0.3418



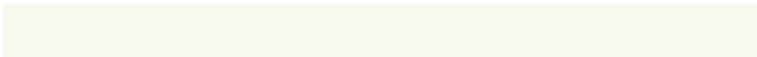
85.9887, 0.3067, 0.3160

Split Complementary

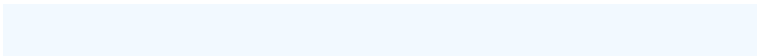
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.2598, 0.3142, 0.3193



94.2598, 0.3185, 0.3418



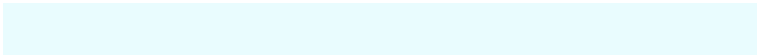
94.2598, 0.3011, 0.3171

Square

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



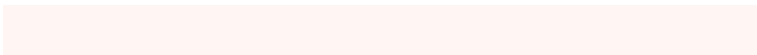
94.2598, 0.3185, 0.3418



94.2598, 0.2996, 0.3268



94.2598, 0.3069, 0.3166



94.2598, 0.3261, 0.3310

Rectangle

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



94.2598, 0.3185, 0.3418



94.2598, 0.3063, 0.3356



94.2598, 0.3069, 0.3166



94.2598, 0.3191, 0.3226

Sweetspot

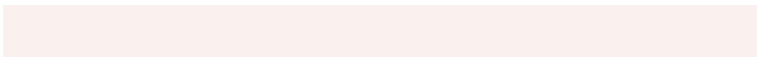
The Sweet Spot groups the original color and five complimentary colors.



94.2639, 0.3185, 0.3418



99.4550, 0.3149, 0.3339



88.6486, 0.3212, 0.3318



21.2932, 0.3148, 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.



94.2639, 0.3185, 0.3418



98.3950, 0.3194, 0.3438



93.1302, 0.3144, 0.3420



20.1273, 0.3201, 0.3454



42.3306, 0.3793, 0.5370



3.9676, 0.3843, 0.5331

Inverse Universe

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



85.9887, 0.3067, 0.3160



88.4546, 0.3058, 0.3139



87.1180, 0.3109, 0.3162



17.8832, 0.3050, 0.3123



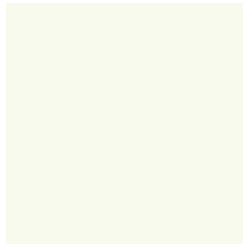
4.1792, 0.1623, 0.0668



0.4326, 0.1734, 0.0729

Previews

White Background



This preview shows how the Yxy color 94.2598, 0.3185, 0.3418 looks on a white background.

Color Contrast Check

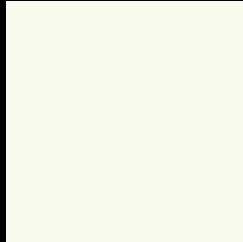
Large Text (above 18pt) WCAG AA × Fail

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 94.2598, 0.3185, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

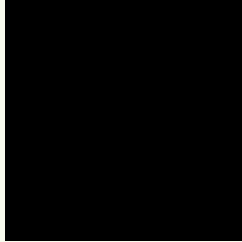
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

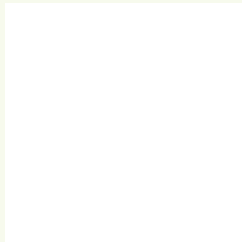
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.2598, 0.3185, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 94.2598, 0.3185, 0.3418.

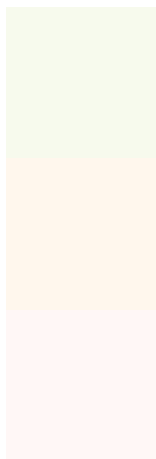


This preview shows how white text looks on a background with the Yxy color 94.2598, 0.3185, 0.3418.

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

94.2598, 0.3185, 0.3418

Protanopia

93.8960, 0.3239, 0.3387

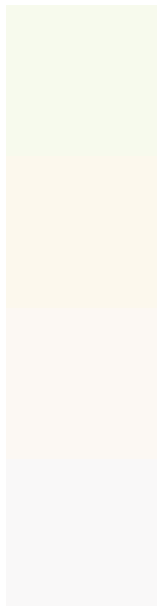
Deuteranopia

94.4353, 0.3185, 0.3300

Tritanopia

94.0655, 0.3099, 0.3213

Trichromacy



Original Color

94.2598, 0.3185, 0.3418

Protanomaly

93.9447, 0.3219, 0.3398

Deuteranomaly

94.3013, 0.3183, 0.3339

Tritanomaly

94.0519, 0.3134, 0.3290

Monochromacy



Original Color

94.2598, 0.3185, 0.3418

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.2395, 0.3150, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.2598, 0.3185, 0.3418 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(247, 250, 237)` looks like.

```
.text, #text, p{  
    color:rgb(247, 250, 237)  
}
```

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(247, 250, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 250, 237) }
```

Border

The CSS property to change the border of an element to Yxy 94.2598, 0.3185, 0.3418 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(247, 250, 237) }
```

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

```
.border{ border-color:rgb(247, 250, 237) }
```

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

Here you see how a box with a 4 pixel rgb(247, 250, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 250, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 250, 237);  
box-shadow:4px 4px 4px 4px rgb(247, 250,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 94.2598, 0.3185, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 250, 237) }
```

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

```
.background{ background-color: rgb(247,  
250, 237) }
```

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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