

Converting Colors

Yxy(94.1742, 0.3146, 0.3300)

Have a look what the booklet for
Yxy(94.1742, 0.3146, 0.3300)
contains.

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Color

Yxy(94.1742, 0.3146, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	FAF8F7
RGB	250, 248, 247
RGB Percent	98%, 97%, 97%
CMY	0.0196, 0.0274, 0.0315
CMYK	0.00, 0.01, 0.01, 0.02
HSL	20°, 23%, 97%
HSV	20°, 1%, 98%
XYZ	89.7794, 94.1742, 101.4228
YIQ	248.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

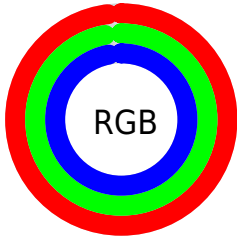
Format	Color
R _Y B	250, 249, 247
Decimal	16447735
CIE Lab	97.70, 0.49, 0.71
CIE LCh	98, 0.867, 55.464
Yxy	94.1742, 0.3146, 0.3300
Android (android.graphics.Color)	4294637815 (0xFFFAF8F7)
YUV	248.4840, -0.7316, 1.3295
Hunter-Lab	97.0434, -4.6872, 5.9647

Details

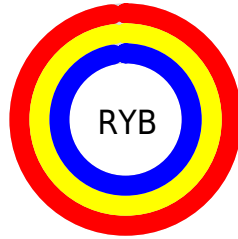
The Yxy color 94.1742, 0.3146, 0.3300 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.4132, 0.3108, 0.3280, and the grayscale version is 94.2938, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.9302, 0.3151, 0.3302 is the 20% darker color. If you saturate the color by 10%, you get 83.0191, 0.3317, 0.3386, and if you desaturate by 10%, it is 99.0657, 0.3096, 0.3290.

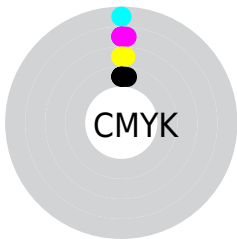
Distribution



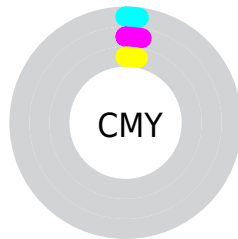
- Red (98%)
- Green (97%)
- Blue (97%)



- Red (98%)
- Yellow (98%)
- Blue (97%)



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




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.1742, 0.3146, 0.3300 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 94.1742, 0.3146, 0.3300 by changing the saturation by 10% instead.

 94.1742, 0.3146,
0.3300

 94.1742, 0.3146,
0.3300


541.5179, 0.3138,
0.3296

 71.4479, 0.3148,
0.3301


153.1232, 0.3143,
0.3299

 52.7078, 0.3150,
0.3302


190.1147, 0.3142,
0.3298

 37.5695, 0.3153,
0.3303


232.6300, 0.3141,
0.3297

 25.6488, 0.3156,
0.3305

281.0536, 0.3140,
0.3297

 16.5611, 0.3161,
0.3308

335.7697, 0.3140,
0.3297

 9.9220, 0.3167,
0.3311

397.1629, 0.3139,

 5.3473, 0.3176,

0.3296

0.3316

465.6175, 0.3138,
0.3296

■ 2.4524, 0.3191,
0.3323

■ 0.8527, 0.3221,
0.3339

■ 94.1742, 0.3146,
0.3300

■ 94.1742, 0.3146,
0.3300

■ 83.0191, 0.3317,
0.3386

■ 99.0657, 0.3096,
0.3290

■ 72.9330, 0.3519,
0.3478

■ 63.8870, 0.3755,
0.3572

■ 55.8467, 0.4029,
0.3665

■ 48.7757, 0.4341,
0.3750

■ 42.6351, 0.4682,
0.3816

■ 37.3831, 0.5038,
0.3852

■ 32.9744, 0.5383,
0.3845

■ 29.3583, 0.5684,
0.3787

Harmonies

Analogous

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



94.1742, 0.3144, 0.3292



94.1742, 0.3146, 0.3300



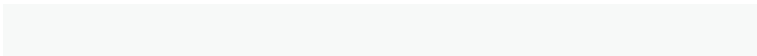
94.1742, 0.3143, 0.3305

Triad

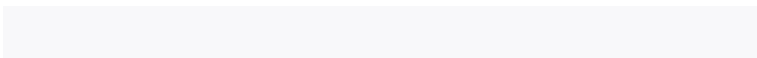
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.1742, 0.3146, 0.3300



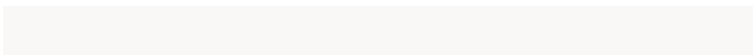
94.1742, 0.3117, 0.3297



94.1742, 0.3119, 0.3274

Complementary

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



94.1742, 0.3146, 0.3300



94.4132, 0.3108, 0.3280

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.



94.1742, 0.3112, 0.3275



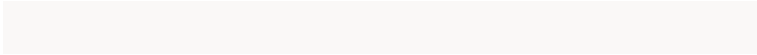
94.1742, 0.3146, 0.3300



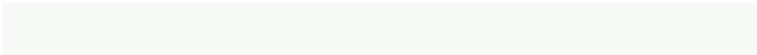
94.1742, 0.3111, 0.3288

Square

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



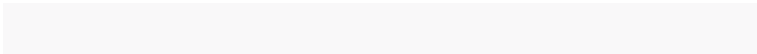
94.1742, 0.3146, 0.3300



94.1742, 0.3126, 0.3304



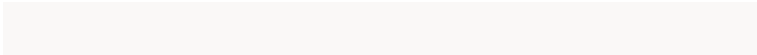
94.1742, 0.3109, 0.3280



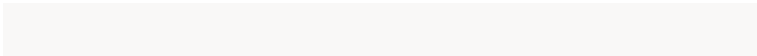
94.1742, 0.3128, 0.3277

Rectangle

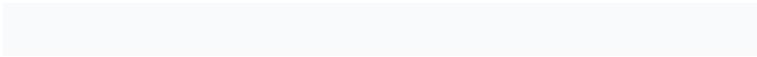
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



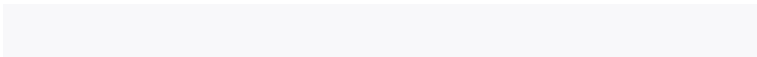
94.1742, 0.3146, 0.3300



94.1742, 0.3139, 0.3307



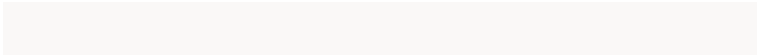
94.1742, 0.3109, 0.3280



94.1742, 0.3116, 0.3274

Sweetspot

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



94.1783, 0.3146, 0.3300

100.0000, 0.3127, 0.3290



93.6738, 0.3135, 0.3270



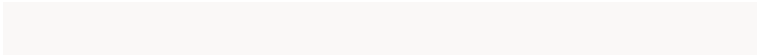
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



94.1783, 0.3146, 0.3300



98.7661, 0.3143, 0.3298



95.1031, 0.3145, 0.3315



20.2503, 0.3142, 0.3298



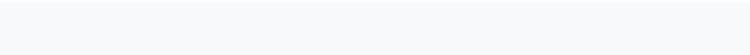
14.4432, 0.5865, 0.3725



1.5255, 0.5636, 0.3907

Inverse Universe

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



94.4132, 0.3108, 0.3280



98.9693, 0.3112, 0.3282



93.4909, 0.3109, 0.3265



20.2898, 0.3113, 0.3282



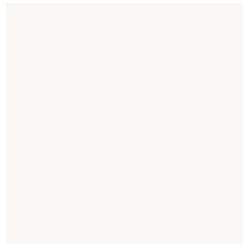
18.2616, 0.1928, 0.2140



1.8875, 0.1970, 0.2293

Previews

White Background



This preview shows how the Yxy color 94.1742, 0.3146, 0.3300 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 94.1742, 0.3146, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

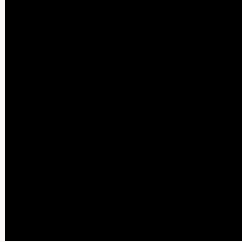
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

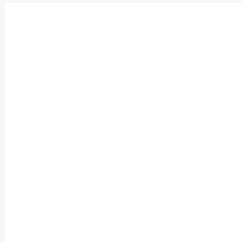
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1742, 0.3146, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 94.1742, 0.3146, 0.3300.

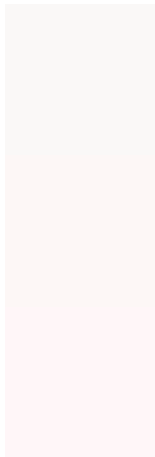


This preview shows how white text looks on a background with the Yxy color 94.1742, 0.3146, 0.3300.

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

94.1742, 0.3146, 0.3300

Protanopia

94.0580, 0.3172, 0.3300

Deuteranopia

93.9488, 0.3173, 0.3271

Tritanopia

94.0655, 0.3099, 0.3213

Trichromacy



Original Color

94.1742, 0.3146, 0.3300

Protanomaly

93.8708, 0.3165, 0.3300

Deuteranomaly

94.1815, 0.3160, 0.3280

Tritanomaly

93.8738, 0.3117, 0.3242

Monochromacy



Original Color

94.1742, 0.3146, 0.3300

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.0519, 0.3134, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1742, 0.3146, 0.3300 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, 248, 247)` looks like.

```
.text, #text, p{  
    color:rgb(250, 248, 247)  
}
```

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, 248, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 248, 247) }
```

Border

The CSS property to change the border of an element to Yxy 94.1742, 0.3146, 0.3300 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, 248, 247) }
```

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

```
.border{ border-color:rgb(250, 248, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 248, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 248, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 248, 247);  
box-shadow:4px 4px 4px 4px rgb(250, 248,  
247) }
```

Background

The CSS property to change the background color of an element to Yxy 94.1742, 0.3146, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 248, 247) }
```

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

```
.background{ background-color: rgb(250,  
248, 247) }
```

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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