

Converting Colors

Yxy(94.4530, 0.3151, 0.3358)

Have a look what the booklet for
Yxy(94.4530, 0.3151, 0.3358)
contains.

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Color

Yxy(94.6164, 0.3149, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	F7FAF3
RGB	247, 250, 243
RGB Percent	97%, 98%, 95%
CMY	0.0316, 0.0195, 0.0471
CMYK	0.01, 0.00, 0.03, 0.02
HSL	86°, 41%, 97%
HSV	86°, 3%, 98%
XYZ	88.7011, 94.6164, 98.3627
YIQ	248.3050, 0.4590, -2.8130

Conversions

Conversions Part 2

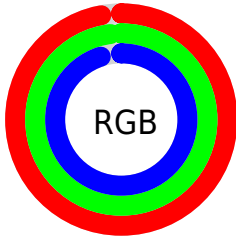
Format	Color
R _Y B	243, 250, 246
Decimal	16251635
CIE Lab	97.88, -2.25, 3.01
CIE LCh	98, 3.752, 126.776
Yxy	94.6164, 0.3149, 0.3359
Android (android.graphics.Color)	4294441715 (0xFF7FAF3)
YUV	248.3050, -2.6154, -1.1445
Hunter-Lab	97.2710, -7.4505, 8.1342

Details

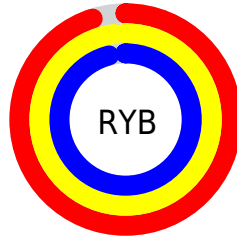
The Yxy color 94.6164, 0.3149, 0.3359 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.5969, 0.3105, 0.3221, and the grayscale version is 94.1479, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.2478, 0.3155, 0.3377 is the 20% darker color. If you saturate the color by 10%, you get 91.2773, 0.3227, 0.3617, and if you desaturate by 10%, it is 96.8681, 0.3129, 0.3243.

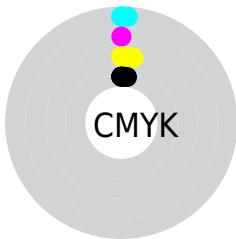
Distribution



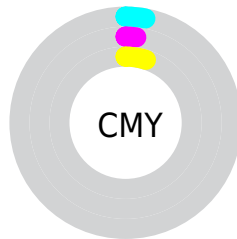
- Red (97%)
- Green (98%)
- Blue (95%)



- Red (95%)
- Yellow (98%)
- Blue (96%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)





- Cyan (3%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.6164, 0.3149, 0.3359 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 94.6164, 0.3149, 0.3359 by changing the saturation by 10% instead.

 94.6164, 0.3149,
0.3359

 94.6164, 0.3149,
0.3359


542.9362, 0.3139,
0.3329

 71.8157, 0.3151,
0.3366

153.7345, 0.3146,
0.3349

 53.0082, 0.3154,
0.3374

190.8208, 0.3145,
0.3345

 37.8093, 0.3157,
0.3384


233.4378, 0.3143,
0.3341

 25.8347, 0.3161,
0.3397

281.9697, 0.3142,
0.3338

 16.7000, 0.3166,
0.3414

336.8012, 0.3142,
0.3335

 10.0209, 0.3173,
0.3437

398.3165, 0.3141,

 5.4128, 0.3183,

0.3333

0.3471

466.9000, 0.3140,
0.3330

■ 2.4914, 0.3199,
0.3525

■ 0.8723, 0.3245,
0.3656

■ 94.6164, 0.3149,
0.3359

■ 94.6164, 0.3149,
0.3359

■ 91.2773, 0.3227,
0.3617

■ 96.8681, 0.3129,
0.3243

■ 88.2468, 0.3304,
0.3894

■ 85.5180, 0.3376,
0.4183

■ 83.0793, 0.3439,
0.4478

■ 80.9184, 0.3489,
0.4766

■ 79.0215, 0.3521,
0.5034

■ 77.3737, 0.3530,
0.5267

■ 75.9579, 0.3516,
0.5453

■ 74.7537, 0.3479,
0.5584

Harmonies

Analogous

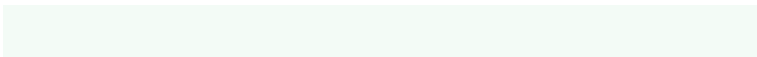
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6164, 0.3185, 0.3360



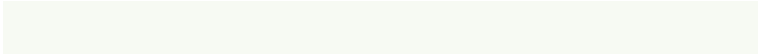
94.6164, 0.3149, 0.3359



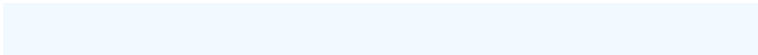
94.6164, 0.3107, 0.3339

Triad

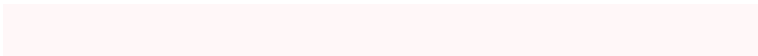
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.6164, 0.3149, 0.3359



94.6164, 0.3049, 0.3237



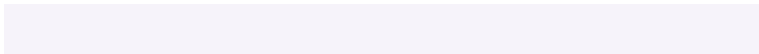
94.6164, 0.3184, 0.3275

Complementary

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



94.6164, 0.3149, 0.3359



90.5969, 0.3105, 0.3221

Split Complementary

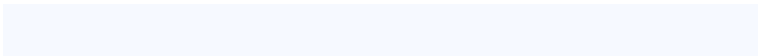
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.6164, 0.3147, 0.3242



94.6164, 0.3149, 0.3359



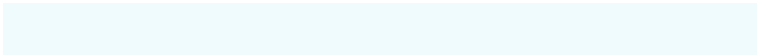
94.6164, 0.3069, 0.3221

Square

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



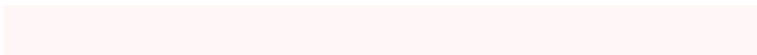
94.6164, 0.3149, 0.3359



94.6164, 0.3050, 0.3268



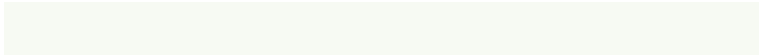
94.6164, 0.3105, 0.3223



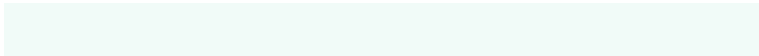
94.6164, 0.3205, 0.3311

Rectangle

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



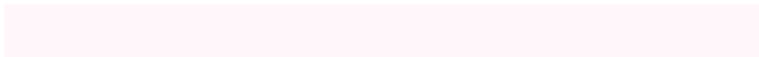
94.6164, 0.3149, 0.3359



94.6164, 0.3082, 0.3318



94.6164, 0.3105, 0.3223



94.6164, 0.3173, 0.3263

Sweetspot

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



94.6205, 0.3149, 0.3359



99.6254, 0.3135, 0.3314



92.7301, 0.3171, 0.3320



21.3279, 0.3135, 0.3313



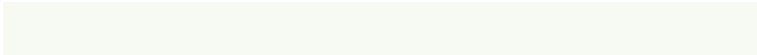
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

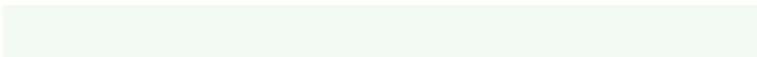
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.6205, 0.3149, 0.3359



98.8865, 0.3150, 0.3364



93.9923, 0.3127, 0.3359



20.2027, 0.3157, 0.3383



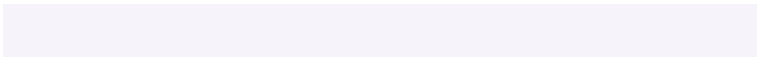
39.3285, 0.3453, 0.5641



3.7053, 0.3537, 0.5574

Inverse Universe

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



90.5969, 0.3105, 0.3221



94.4101, 0.3103, 0.3216



91.2340, 0.3127, 0.3221



19.0488, 0.3097, 0.3196



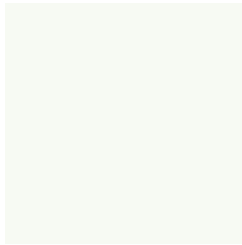
5.4879, 0.1908, 0.0825



0.5698, 0.2040, 0.0897

Previews

White Background



This preview shows how the Yxy color 94.6164, 0.3149, 0.3359 looks on a white background.

Color Contrast Check

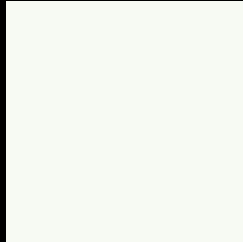
Large Text (above 18pt) WCAG AA × Fail

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 94.6164, 0.3149, 0.3359 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

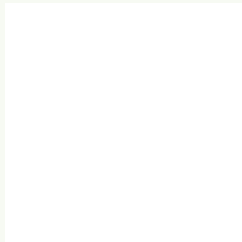
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.6164, 0.3149, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 94.6164, 0.3149, 0.3359.

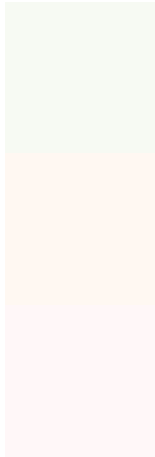


This preview shows how white text looks on a background with the Yxy color 94.6164, 0.3149, 0.3359.

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

94.6164, 0.3149, 0.3359

Protanopia

94.8056, 0.3208, 0.3348

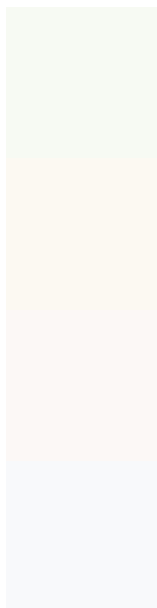
Deuteranopia

94.5588, 0.3172, 0.3281

Tritanopia

94.4945, 0.3092, 0.3222

Trichromacy



Original Color

94.6164, 0.3149, 0.3359

Protanomaly

94.8576, 0.3188, 0.3358

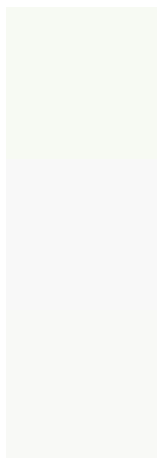
Deuteranomaly

94.4841, 0.3165, 0.3309

Tritanomaly

94.6729, 0.3109, 0.3271

Monochromacy



Original Color

94.6164, 0.3149, 0.3359

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.3616, 0.3138, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6164, 0.3149, 0.3359 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(247, 250, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 250, 243) }
```

Border

The CSS property to change the border of an element to Yxy 94.6164, 0.3149, 0.3359 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, 243) }
```

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

```
.border{ border-color:rgb(247, 250, 243) }
```

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, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 250, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 250, 243);  
box-shadow:4px 4px 4px 4px rgb(247, 250,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6164, 0.3149, 0.3359 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, 243) }
```

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

```
.background{ background-color: rgb(247,  
250, 243) }
```

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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