

Converting Colors

Yxy(96.4545, 0.3147, 0.3466)

Have a look what the booklet for
Yxy(96.4545, 0.3147, 0.3466)
contains.

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Color

Yxy(96.5117, 0.3150, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFED
RGB	242, 255, 237
RGB Percent	95%, 100%, 93%
CMY	0.0510, 0.0000, 0.0706
CMYK	0.05, 0.00, 0.07, 0.00
HSL	103°, 100%, 96%
HSV	103°, 7%, 100%
XYZ	87.6620, 96.5117, 94.1184
YIQ	249.0610, -1.9700, -8.3540

Conversions

Conversions Part 2

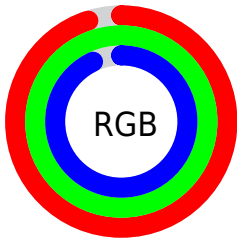
Format	Color
R_{YB}	237, 255, 250
Decimal	15925229
CIE _{Lab}	98.64, -7.42, 7.13
CIE _{LCh}	99, 10.288, 136.135
Yxy	96.5117, 0.3150, 0.3468
Android (android.graphics.Color)	4294115309 (0xFFFF2FFED)
YUV	249.0610, -5.9461, -6.1925
Hunter-Lab	98.2404, -12.6412, 11.9660

Details

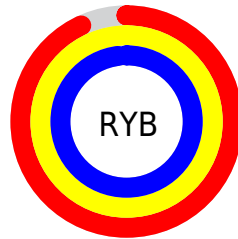
The Yxy color 96.5117, 0.3150, 0.3468 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.1031, 0.3102, 0.3115, and the grayscale version is 94.8333, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.1635, 0.3157, 0.3505 is the 20% darker color. If you saturate the color by 10%, you get 92.0304, 0.3181, 0.3744, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

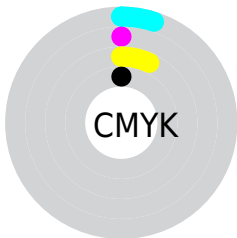
Distribution



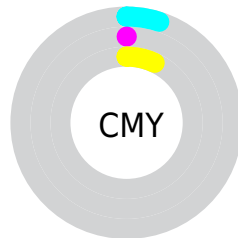
- Red (95%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (98%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.5117, 0.3150, 0.3468 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 96.5117, 0.3150, 0.3468 by changing the saturation by 10% instead.

 96.5117, 0.3150,
0.3468

 96.5117, 0.3150,
0.3468


548.9933, 0.3140,
0.3389

 73.3938, 0.3152,
0.3485


156.3514, 0.3147,
0.3441

 54.2980, 0.3154,
0.3507

193.8421, 0.3146,
0.3430

 38.8400, 0.3157,
0.3533


236.8924, 0.3144,
0.3421

 26.6353, 0.3161,
0.3566

285.8868, 0.3143,
0.3413

 17.2995, 0.3165,
0.3611

341.2097, 0.3143,
0.3406

 10.4482, 0.3171,
0.3672

403.2455, 0.3142,

 5.6972, 0.3178,

0.3400

0.3762

472.3785, 0.3141,
0.3394

■ 2.6618, 0.3187,
0.3907

■ 0.9578, 0.3266,
0.4299

■ 96.5117, 0.3150,
0.3468

■ 96.5117, 0.3150,
0.3468

■ 92.0304, 0.3181,
0.3744

100.0000, 0.3127,
0.3290

■ 88.0710, 0.3209,
0.4046

■ 84.6131, 0.3231,
0.4368

■ 81.6358, 0.3245,
0.4700

■ 79.1166, 0.3247,
0.5026

■ 77.0312, 0.3237,
0.5326

■ 75.3525, 0.3211,
0.5580

■ 74.0501, 0.3173,
0.5769

■ 73.0877, 0.3125,
0.5886

Harmonies

Analogous

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



96.5117, 0.3257, 0.3487



96.5117, 0.3150, 0.3468



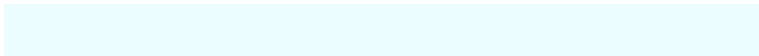
96.5117, 0.3038, 0.3398

Triad

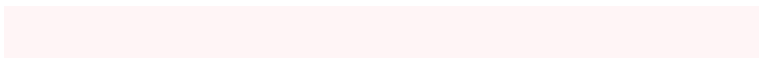
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.5117, 0.3150, 0.3468



96.5117, 0.2927, 0.3126



96.5117, 0.3306, 0.3278

Complementary

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



96.5117, 0.3150, 0.3468



88.1031, 0.3102, 0.3115

Split Complementary

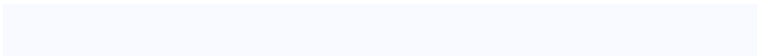
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.5117, 0.3215, 0.3185



96.5117, 0.3150, 0.3468



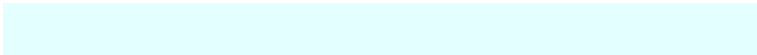
96.5117, 0.2996, 0.3098

Square

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



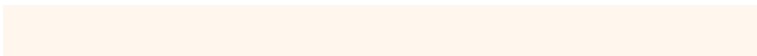
96.5117, 0.3150, 0.3468



96.5117, 0.2911, 0.3199



96.5117, 0.3101, 0.3120



96.5117, 0.3349, 0.3375

Rectangle

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



96.5117, 0.3150, 0.3468



96.5117, 0.2976, 0.3334



96.5117, 0.3101, 0.3120



96.5117, 0.3280, 0.3245

Sweetspot

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



96.5110, 0.3150, 0.3468



98.9844, 0.3134, 0.3339



95.6807, 0.3237, 0.3415



21.1974, 0.3133, 0.3337



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.



96.5110, 0.3150, 0.3468



96.0688, 0.3153, 0.3493



95.8668, 0.3096, 0.3430



20.4127, 0.3158, 0.3533



38.1335, 0.3122, 0.5903



3.7648, 0.3202, 0.5840

Inverse Universe

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



88.1031, 0.3102, 0.3115



86.6071, 0.3099, 0.3091



88.7925, 0.3159, 0.3154



18.0314, 0.3093, 0.3053



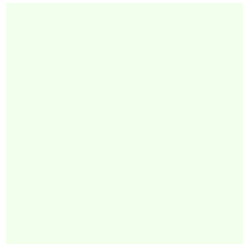
9.1786, 0.2513, 0.1158



0.9484, 0.2595, 0.1203

Previews

White Background



This preview shows how the Yxy color 96.5117, 0.3150, 0.3468 looks on a white background.

Color Contrast Check

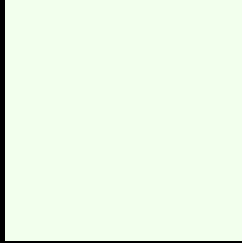
Large Text (above 18pt) WCAG AA × Fail

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 96.5117, 0.3150, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

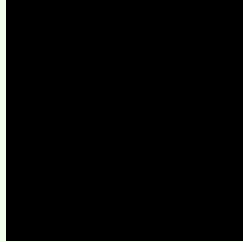
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

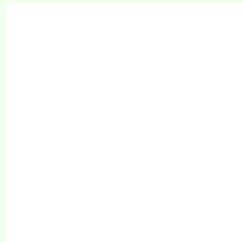
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.5117, 0.3150, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 96.5117, 0.3150, 0.3468.



This preview shows how white text looks on a background with the Yxy color 96.5117, 0.3150, 0.3468.

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

96.5117, 0.3150, 0.3468



Protanopia

96.1023, 0.3200, 0.3358

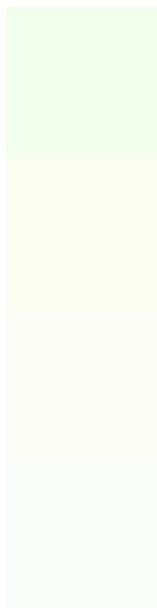
Deuteranopia

96.4708, 0.3165, 0.3300

Tritanopia

96.5384, 0.3098, 0.3252

Trichromacy



Original Color

96.5117, 0.3150, 0.3468

Protanomaly

96.2957, 0.3179, 0.3397

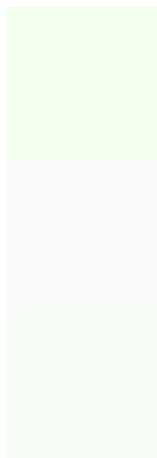
Deuteranomaly

96.5374, 0.3155, 0.3358

Tritanomaly

96.1723, 0.3119, 0.3329

Monochromacy



Original Color

96.5117, 0.3150, 0.3468

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.1798, 0.3131, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.5117, 0.3150, 0.3468 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(242, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 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(242, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 237) }
```

Border

The CSS property to change the border of an element to Yxy 96.5117, 0.3150, 0.3468 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(242, 255, 237) }
```

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

```
.border{ border-color:rgb(242, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 96.5117, 0.3150, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 237) }
```

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

```
.background{ background-color: rgb(242,  
255, 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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