

Converting Colors

Yxy(91.9934, 0.3148, 0.3610)

Have a look what the booklet for
Yxy(91.9934, 0.3148, 0.3610)
contains.

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Color

Yxy(92.0185, 0.3150, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	E4FDDE
RGB	228, 253, 222
RGB Percent	89%, 99%, 87%
CMY	0.1057, 0.0079, 0.1294
CMYK	0.10, 0.00, 0.12, 0.01
HSL	108°, 89%, 93%
HSV	108°, 12%, 99%
XYZ	80.3154, 92.0185, 82.6356
YIQ	241.9910, -4.9490, -14.9410

Conversions

Conversions Part 2

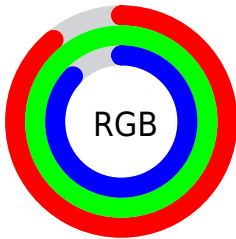
Format	Color
R _Y B	222, 253, 247
Decimal	15007198
CIE Lab	96.83, -13.62, 12.10
CIE LCh	97, 18.220, 138.387
Yxy	92.0185, 0.3150, 0.3609
Android (android.graphics.Color)	4293197278 (0xFFE4FDDE)
YUV	241.9910, -9.8556, -12.2701
Hunter-Lab	95.9263, -18.4198, 16.0731

Details

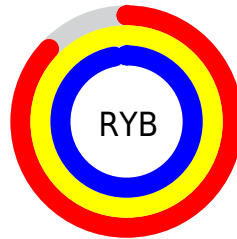
The Yxy color **92.0185, 0.3150, 0.3609** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79.1004, 0.3100, 0.2983**, and the grayscale version is **88.8760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0405, 0.3149, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **87.6280, 0.3166, 0.3903**, and if you desaturate by 10%, it is **97.0128, 0.3132, 0.3345**.

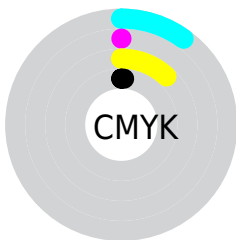
Distribution



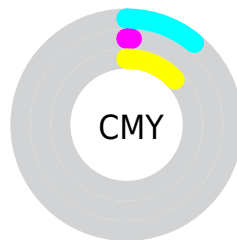
- Red (89%)
- Green (99%)
- Blue (87%)



- Red (87%)
- Yellow (99%)
- Blue (97%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)





- Cyan (11%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.0185, 0.3150, 0.3609 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 92.0185, 0.3150, 0.3609 by changing the saturation by 10% instead.


 92.0185, 0.3150,
0.3609

 92.0185, 0.3150,
0.3609


534.5753, 0.3141,
0.3465

 69.6560, 0.3152,
0.3641

150.1390, 0.3147,
0.3559

 51.2461, 0.3153,
0.3681


186.6658, 0.3146,
0.3540

 36.4045, 0.3155,
0.3730


228.6829, 0.3145,
0.3523

 24.7468, 0.3157,
0.3794

276.5746, 0.3144,
0.3508

 15.8885, 0.3159,
0.3880

330.7252, 0.3143,
0.3496

 9.4453, 0.3160,
0.4000

391.5193, 0.3143,

 5.0327, 0.3158,

0.3484

0.4181

459.3412, 0.3142,
0.3474

■ 2.2665, 0.3145,
0.4483

■ 0.7559, 0.3380,
0.6620

■ 92.0185, 0.3150,
0.3609

■ 92.0185, 0.3150,
0.3609

■ 87.6280, 0.3166,
0.3903

■ 97.0128, 0.3132,
0.3345

■ 83.8070, 0.3178,
0.4223

■ 98.7270, 0.3128,
0.3271

■ 80.5352, 0.3185,
0.4560

■ 77.7870, 0.3184,
0.4902

■ 75.5344, 0.3173,
0.5228

■ 73.7467, 0.3152,
0.5514

■ 72.3897, 0.3122,
0.5739

■ 71.4239, 0.3086,
0.5887

■ 70.9083, 0.3057,
0.5955

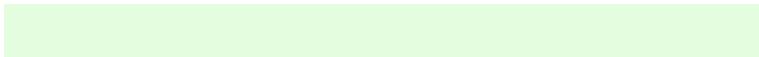
Harmonies

Analogous

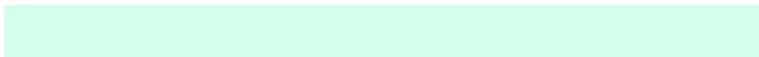
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0185, 0.3346, 0.3649



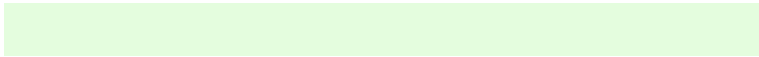
92.0185, 0.3150, 0.3609



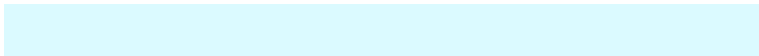
92.0185, 0.2952, 0.3475

Triad

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



92.0185, 0.3150, 0.3609



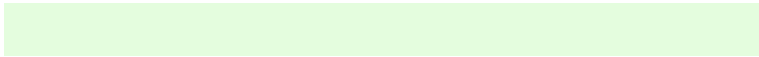
92.0185, 0.2777, 0.2989



92.0185, 0.3460, 0.3278

Complementary

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



92.0185, 0.3150, 0.3609



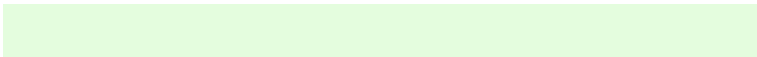
79.1004, 0.3100, 0.2983

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.



92.0185, 0.3298, 0.3115



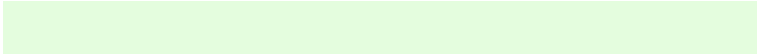
92.0185, 0.3150, 0.3609



92.0185, 0.2904, 0.2950

Square

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



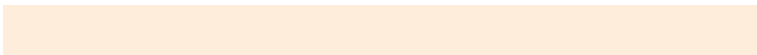
92.0185, 0.3150, 0.3609



92.0185, 0.2741, 0.3110



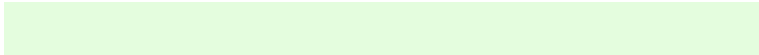
92.0185, 0.3094, 0.2996



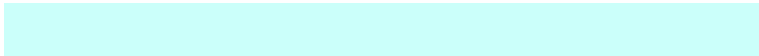
92.0185, 0.3530, 0.3450

Rectangle

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



92.0185, 0.3150, 0.3609



92.0185, 0.2845, 0.3353



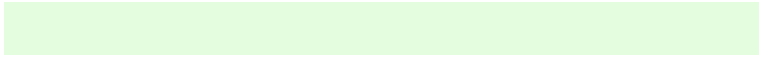
92.0185, 0.3094, 0.2996



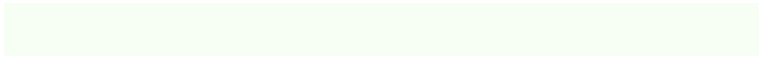
92.0185, 0.3414, 0.3221

Sweetspot

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



92.0224, 0.3150, 0.3609



97.8362, 0.3135, 0.3389



92.5524, 0.3318, 0.3535



20.8563, 0.3136, 0.3408



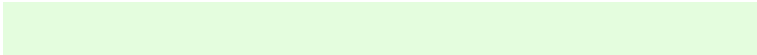
0.0000, 0.0000, 0.0000



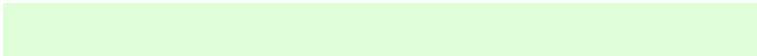
21.4041, 0.3127, 0.3290

Same Dimension

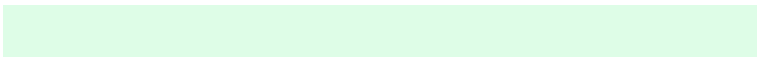
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.0224, 0.3150, 0.3609



92.3974, 0.3155, 0.3687



91.5634, 0.3059, 0.3514



20.3386, 0.3145, 0.3534



37.7695, 0.3065, 0.5949



3.7200, 0.3133, 0.5895

Inverse Universe

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



79.1004, 0.3100, 0.2983



76.5897, 0.3093, 0.2912



79.6385, 0.3202, 0.3076



18.1109, 0.3107, 0.3054



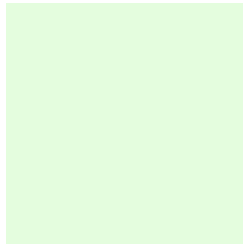
10.6385, 0.2719, 0.1271



1.0795, 0.2778, 0.1304

Previews

White Background



This preview shows how the Yxy color 92.0185, 0.3150, 0.3609 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 92.0185, 0.3150, 0.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

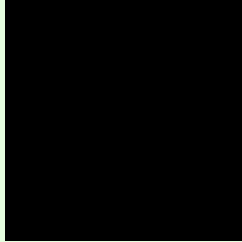
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

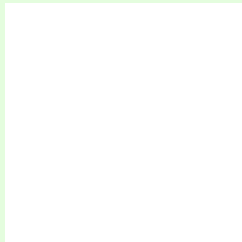
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.0185, 0.3150, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 92.0185, 0.3150, 0.3609.

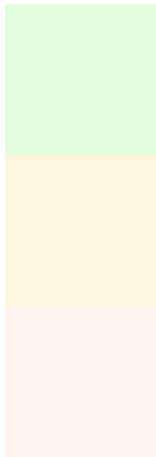


This preview shows how white text looks on a background with the Yxy color 92.0185, 0.3150, 0.3609.

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

92.0185, 0.3150, 0.3609

Protanopia

91.8387, 0.3334, 0.3517

Deuteranopia

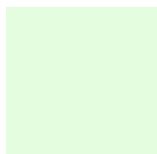
91.6525, 0.3224, 0.3319



Tritanopia

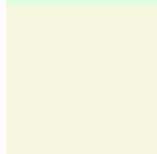
91.8323, 0.3043, 0.3201

Trichromacy



Original Color

92.0185, 0.3150, 0.3609



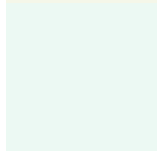
Protanomaly

91.8212, 0.3264, 0.3551



Deuteranomaly

91.8172, 0.3198, 0.3429



Tritanomaly

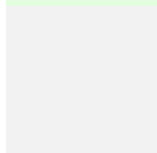
92.0553, 0.3080, 0.3350

Monochromacy



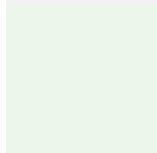
Original Color

92.0185, 0.3150, 0.3609



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

89.9142, 0.3135, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0185, 0.3150, 0.3609 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(228, 253, 222)` looks like.

```
.text, #text, p{  
    color:rgb(228, 253, 222)  
}
```

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(228, 253, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 253, 222) }
```

Border

The CSS property to change the border of an element to Yxy 92.0185, 0.3150, 0.3609 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(228, 253, 222) }
```

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

```
.border{ border-color:rgb(228, 253, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 253, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 253, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 253, 222);  
box-shadow:4px 4px 4px 4px rgb(228, 253,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0185, 0.3150, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 253, 222) }
```

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

```
.background{ background-color: rgb(228,  
253, 222) }
```

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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