

Converting Colors

Yxy(93.7626, 0.3151, 0.3606)

Have a look what the booklet for
Yxy(93.7626, 0.3151, 0.3606)
contains.

Yxy(93.7248, 0.3150, 0.3607)	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(93.7248, 0.3150, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFE0
RGB	230, 255, 224
RGB Percent	90%, 100%, 88%
CMY	0.0979, 0.0000, 0.1217
CMYK	0.10, 0.00, 0.12, 0.00
HSL	108°, 100%, 94%
HSV	108°, 12%, 100%
XYZ	81.8500, 93.7248, 84.2666
YIQ	243.9910, -4.9490, -14.9410

Conversions

Conversions Part 2

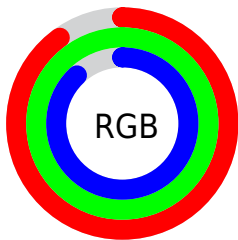
Format	Color
R_{YB}	224, 255, 249
Decimal	15138784
CIE _{Lab}	97.52, -13.62, 12.10
CIE _{LCh}	98, 18.218, 138.372
Y _{xy}	93.7248, 0.3150, 0.3607
Android (android.graphics.Color)	4293328864 (0xFFE6FFE0)
YUV	243.9910, -9.8556, -12.2701
Hunter-Lab	96.8116, -18.5061, 16.1610

Details

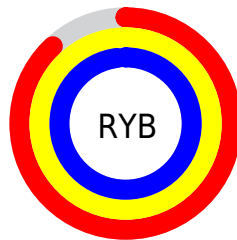
The Yxy color **93.7248, 0.3150, 0.3607** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **80.6351, 0.3100, 0.2985**, and the grayscale version is **90.5459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.2514, 0.3149, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **89.2497, 0.3166, 0.3901**, and if you desaturate by 10%, it is **98.8125, 0.3131, 0.3343**.

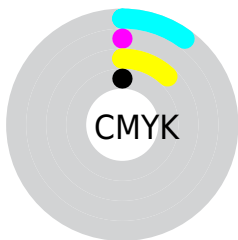
Distribution



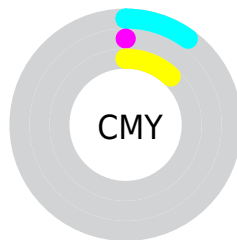
- Red (90%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (98%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7248, 0.3150, 0.3607 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 93.7248, 0.3150, 0.3607 by changing the saturation by 10% instead.


 93.7248, 0.3150,
0.3607

 93.7248, 0.3150,
0.3607


540.0745, 0.3141,
0.3464

 71.0741, 0.3152,
0.3639


152.5017, 0.3147,
0.3558

 52.4027, 0.3153,
0.3678


189.3966, 0.3146,
0.3539

 37.3261, 0.3155,
0.3727


231.8085, 0.3145,
0.3522

 25.4601, 0.3157,
0.3789

280.1216, 0.3144,
0.3508

 16.4202, 0.3159,
0.3873

334.7203, 0.3143,
0.3495

 9.8220, 0.3160,
0.3990

395.9891, 0.3143,

 5.2811, 0.3158,

0.3483

0.4166

464.3124, 0.3142,
0.3473

■ 2.4131, 0.3147,
0.4456

■ 0.8326, 0.3394,
0.6158

■ 93.7248, 0.3150,
0.3607

■ 93.7248, 0.3150,
0.3607

■ 89.2497, 0.3166,
0.3901

■ 98.8125, 0.3131,
0.3343

■ 85.3555, 0.3179,
0.4220

100.0000, 0.3127,
0.3290

■ 82.0206, 0.3185,
0.4558

■ 79.2188, 0.3184,
0.4900

■ 76.9217, 0.3174,
0.5226

■ 75.0980, 0.3153,
0.5512

■ 73.7131, 0.3123,
0.5737

■ 72.7266, 0.3086,
0.5887

■ 72.1953, 0.3057,
0.5954

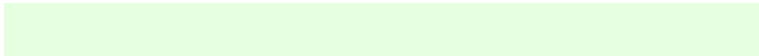
Harmonies

Analogous

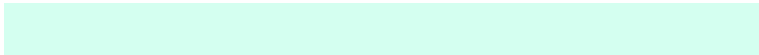
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7248, 0.3345, 0.3646



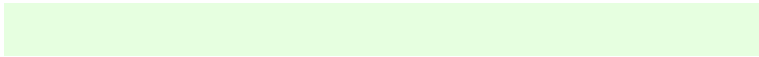
93.7248, 0.3150, 0.3607



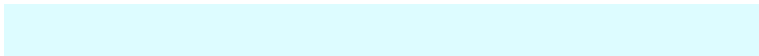
93.7248, 0.2953, 0.3474

Triad

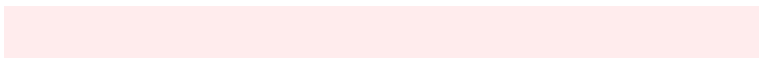
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.7248, 0.3150, 0.3607



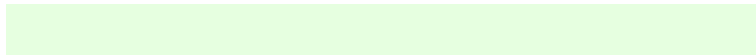
93.7248, 0.2779, 0.2991



93.7248, 0.3458, 0.3278

Complementary

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



93.7248, 0.3150, 0.3607



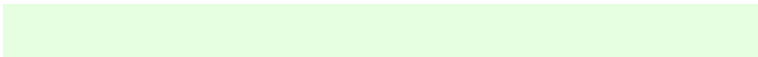
80.6351, 0.3100, 0.2985

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.



93.7248, 0.3297, 0.3116



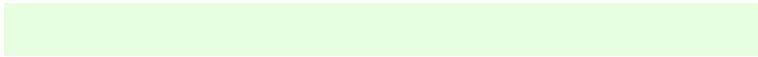
93.7248, 0.3150, 0.3607



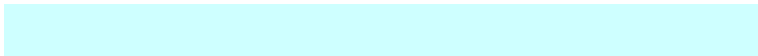
93.7248, 0.2905, 0.2952

Square

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



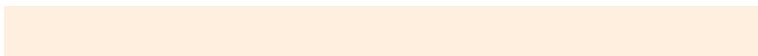
93.7248, 0.3150, 0.3607



93.7248, 0.2743, 0.3111



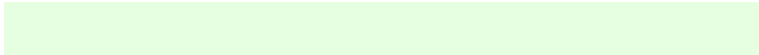
93.7248, 0.3094, 0.2998



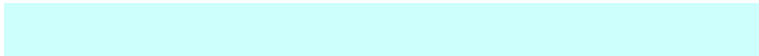
93.7248, 0.3527, 0.3449

Rectangle

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



93.7248, 0.3150, 0.3607



93.7248, 0.2847, 0.3352



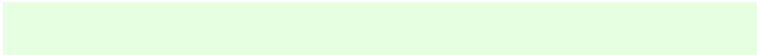
93.7248, 0.3094, 0.2998



93.7248, 0.3412, 0.3221

Sweetspot

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



93.7277, 0.3150, 0.3607



97.8374, 0.3135, 0.3389



94.2622, 0.3317, 0.3533



20.8566, 0.3136, 0.3408



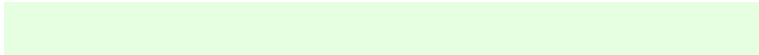
0.0000, 0.0000, 0.0000



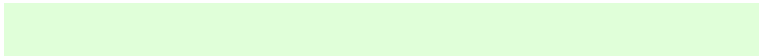
21.4041, 0.3127, 0.3290

Same Dimension

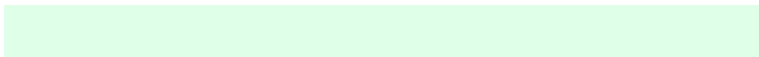
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7277, 0.3150, 0.3607



92.4014, 0.3155, 0.3687



93.2593, 0.3060, 0.3513



20.3391, 0.3145, 0.3534



37.7718, 0.3065, 0.5948



3.7203, 0.3133, 0.5894

Inverse Universe

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



80.6351, 0.3100, 0.2985



76.5851, 0.3092, 0.2912



81.1834, 0.3202, 0.3077



18.1103, 0.3106, 0.3054



10.6262, 0.2717, 0.1270



1.0784, 0.2776, 0.1303

Previews

White Background



This preview shows how the Yxy color 93.7248, 0.3150, 0.3607 looks on a white background.

Color Contrast Check

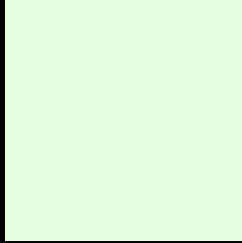
Large Text (above 18pt) WCAG AA × Fail

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 93.7248, 0.3150, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

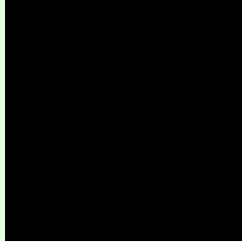
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

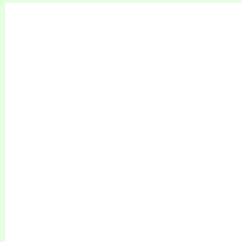
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.7248, 0.3150, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 93.7248, 0.3150, 0.3607.

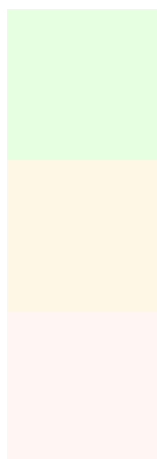


This preview shows how white text looks on a background with the Yxy color 93.7248, 0.3150, 0.3607.

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

93.7248, 0.3150, 0.3607

Protanopia

93.4387, 0.3288, 0.3466

Deuteranopia

93.6426, 0.3203, 0.3319

Tritanopia

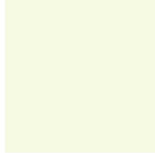
93.5879, 0.3061, 0.3222

Trichromacy



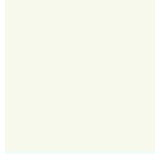
Original Color

93.7248, 0.3150, 0.3607



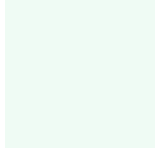
Protanomaly

93.5101, 0.3238, 0.3519



Deuteranomaly

93.4003, 0.3185, 0.3418



Tritanomaly

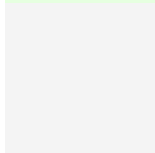
93.8767, 0.3093, 0.3359

Monochromacy



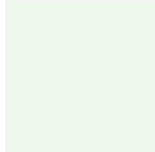
Original Color

93.7248, 0.3150, 0.3607



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.6000, 0.3135, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7248, 0.3150, 0.3607 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(230, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 224)  
}
```

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(230, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 224) }
```

Border

The CSS property to change the border of an element to Yxy 93.7248, 0.3150, 0.3607 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(230, 255, 224) }
```

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

```
.border{ border-color:rgb(230, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7248, 0.3150, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 224) }
```

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

```
.background{ background-color: rgb(230,  
255, 224) }
```

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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