

Converting Colors

$Yxy(93.7691, 0.3141, 0.3592)$

Have a look what the booklet for
Yxy(93.7691, 0.3141, 0.3592)
contains.

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Color

Yxy(93.7792, 0.3144, 0.3596)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFE1
RGB	230, 255, 225
RGB Percent	90%, 100%, 88%
CMY	0.0979, 0.0000, 0.1176
CMYK	0.10, 0.00, 0.12, 0.00
HSL	110°, 100%, 94%
HSV	110°, 12%, 100%
XYZ	81.9916, 93.7792, 85.0167
YIQ	244.1050, -5.2700, -14.6300

Conversions

Conversions Part 2

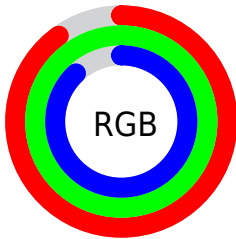
Format	Color
R_{YB}	225, 255, 250
Decimal	15138785
CIE _{Lab}	97.54, -13.44, 11.60
CIE _{LCh}	98, 17.750, 139.207
Yxy	93.7792, 0.3144, 0.3596
Android (android.graphics.Color)	4293328865 (0xFFE6FFE1)
YUV	244.1050, -9.4188, -12.3701
Hunter-Lab	96.8397, -18.3381, 15.7363

Details

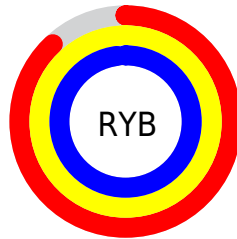
The Yxy color **93.7792, 0.3144, 0.3596** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81.3920, 0.3107, 0.2996**, and the grayscale version is **90.6420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.2891, 0.3141, 0.3658** is the 20% darker color. If you saturate the color by 10%, you get **89.1925, 0.3156, 0.3890**, and if you desaturate by 10%, it is **99.0094, 0.3130, 0.3333**.

Distribution



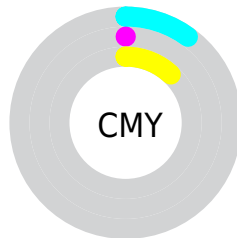
- Red (90%)
- Green (100%)
- Blue (88%)



- 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 93.7792, 0.3144, 0.3596 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 93.7792, 0.3144, 0.3596 by changing the saturation by 10% instead.


 93.7792, 0.3144,
0.3596

 93.7792, 0.3144,
0.3596


540.2493, 0.3138,
0.3458

 71.1193, 0.3145,
0.3627


152.5769, 0.3142,
0.3549

 52.4396, 0.3146,
0.3664

189.4836, 0.3141,
0.3530

 37.3556, 0.3147,
0.3711


231.9080, 0.3141,
0.3514

 25.4829, 0.3148,
0.3772

280.2344, 0.3140,
0.3500

 16.4372, 0.3149,
0.3853

334.8474, 0.3139,
0.3488

 9.8341, 0.3148,
0.3965

396.1313, 0.3139,

 5.2891, 0.3144,

0.3477

0.4134

464.4704, 0.3138,
0.3467

■ 2.4179, 0.3131,
0.4414

■ 0.8351, 0.3328,
0.5968

■ 93.7792, 0.3144,
0.3596

■ 93.7792, 0.3144,
0.3596

■ 89.1925, 0.3156,
0.3890

■ 99.0094, 0.3130,
0.3333

■ 85.2128, 0.3164,
0.4211

99.9983, 0.3127,
0.3290

■ 81.8179, 0.3167,
0.4551

■ 78.9800, 0.3164,
0.4896

■ 76.6688, 0.3152,
0.5226

■ 74.8508, 0.3131,
0.5517

■ 73.4889, 0.3103,
0.5745

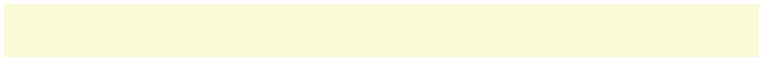
■ 72.5402, 0.3070,
0.5896

■ 72.0262, 0.3043,
0.5966

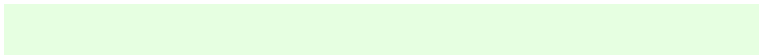
Harmonies

Analogous

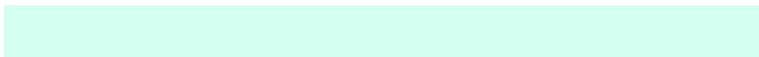
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7792, 0.3335, 0.3637



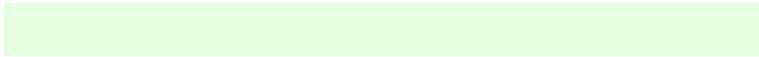
93.7792, 0.3144, 0.3596



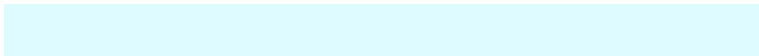
93.7792, 0.2953, 0.3464

Triad

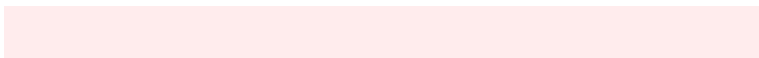
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.7792, 0.3144, 0.3596



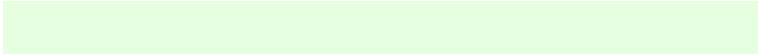
93.7792, 0.2790, 0.2996



93.7792, 0.3452, 0.3283

Complementary

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



93.7792, 0.3144, 0.3596



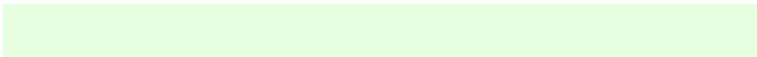
81.3920, 0.3107, 0.2996

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.



93.7792, 0.3298, 0.3124



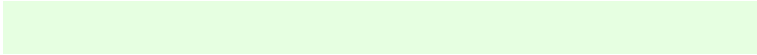
93.7792, 0.3144, 0.3596



93.7792, 0.2916, 0.2960

Square

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



93.7792, 0.3144, 0.3596



93.7792, 0.2753, 0.3112



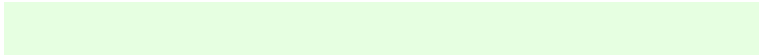
93.7792, 0.3101, 0.3008



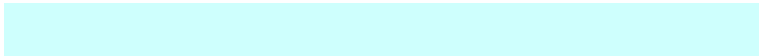
93.7792, 0.3517, 0.3449

Rectangle

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



93.7792, 0.3144, 0.3596



93.7792, 0.2851, 0.3346



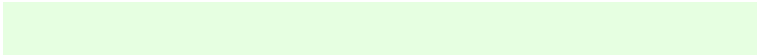
93.7792, 0.3101, 0.3008



93.7792, 0.3409, 0.3227

Sweetspot

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



93.7832, 0.3144, 0.3596



97.7855, 0.3133, 0.3389



94.7562, 0.3310, 0.3530



20.8435, 0.3134, 0.3408



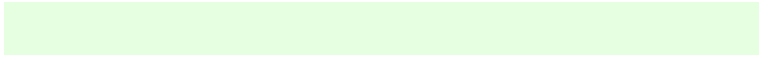
0.0000, 0.0000, 0.0000



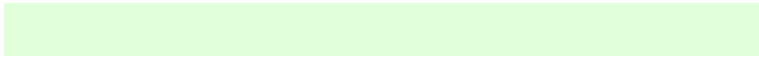
21.4041, 0.3127, 0.3290

Same Dimension

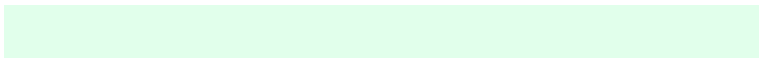
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7832, 0.3144, 0.3596



92.7035, 0.3147, 0.3659



93.4962, 0.3059, 0.3499



20.3144, 0.3141, 0.3534



37.6787, 0.3050, 0.5960



3.7077, 0.3113, 0.5910

Inverse Universe

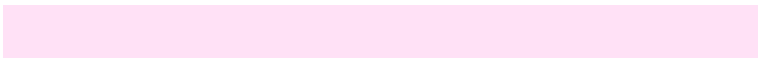
The Inverse Universe completely reimagines the original color for something new.



81.3920, 0.3107, 0.2996



78.1825, 0.3102, 0.2938



81.7362, 0.3202, 0.3090



18.1372, 0.3111, 0.3054



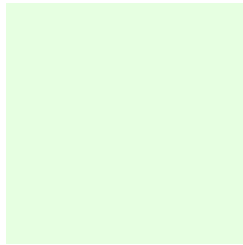
11.1635, 0.2787, 0.1309



1.1260, 0.2838, 0.1337

Previews

White Background



This preview shows how the Yxy color 93.7792, 0.3144, 0.3596 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 93.7792, 0.3144, 0.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

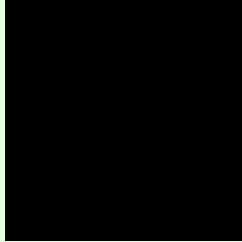
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

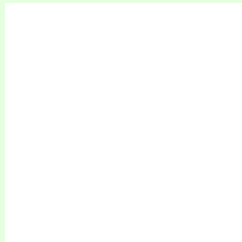
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.7792, 0.3144, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 93.7792, 0.3144, 0.3596.

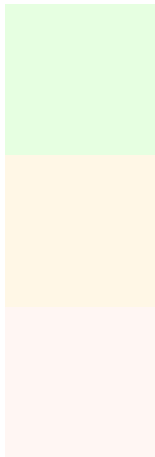


This preview shows how white text looks on a background with the Yxy color 93.7792, 0.3144, 0.3596.

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

93.7792, 0.3144, 0.3596

Protanopia

93.4947, 0.3282, 0.3456

Deuteranopia

93.6426, 0.3203, 0.3319

Tritanopia

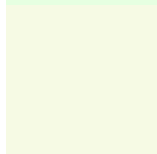
93.5879, 0.3061, 0.3222

Trichromacy



Original Color

93.7792, 0.3144, 0.3596



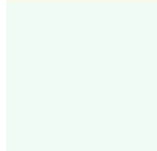
Protanomaly

93.5655, 0.3232, 0.3509



Deuteranomaly

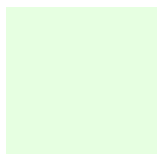
93.4003, 0.3185, 0.3418



Tritanomaly

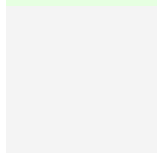
93.8767, 0.3093, 0.3359

Monochromacy



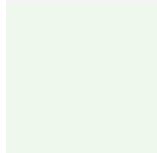
Original Color

93.7792, 0.3144, 0.3596



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 93.7792, 0.3144, 0.3596 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 225) }
```

Border

The CSS property to change the border of an element to Yxy 93.7792, 0.3144, 0.3596 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, 225) }
```

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

```
.border{ border-color:rgb(230, 255, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7792, 0.3144, 0.3596 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, 225) }
```

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

```
.background{ background-color: rgb(230,  
255, 225) }
```

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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