

Converting Colors

$Yxy(93.7620, 0.3198, 0.3668)$

Have a look what the booklet for
Yxy(93.7620, 0.3198, 0.3668)
contains.

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Color

Yxy(93.7378, 0.3197, 0.3668)

Conversions

Conversions Part 1

Format	Color
Hex	E8FFDA
RGB	232, 255, 218
RGB Percent	91%, 100%, 85%
CMY	0.0901, 0.0000, 0.1451
CMYK	0.09, 0.00, 0.15, 0.00
HSL	97°, 100%, 93%
HSV	97°, 15%, 100%
XYZ	81.7011, 93.7378, 80.1167
YIQ	243.9050, -1.8310, -16.3830

Conversions

Conversions Part 2

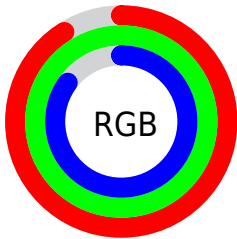
Format	Color
R _Y B	218, 255, 241
Decimal	15269850
CIE Lab	97.53, -13.93, 15.18
CIE LCh	98, 20.600, 132.546
Yxy	93.7378, 0.3197, 0.3668
Android (android.graphics.Color)	4293459930 (0xFFE8FFDA)
YUV	243.9050, -12.7712, -10.4407
Hunter-Lab	96.8183, -18.8029, 18.7106

Details

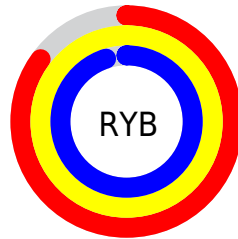
The Yxy color **93.7378, 0.3197, 0.3668** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76.0587, 0.3047, 0.2919**, and the grayscale version is **90.4986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.2626, 0.3208, 0.3750** is the 20% darker color. If you saturate the color by 10%, you get **89.9766, 0.3242, 0.3958**, and if you desaturate by 10%, it is **97.9511, 0.3149, 0.3402**.

Distribution



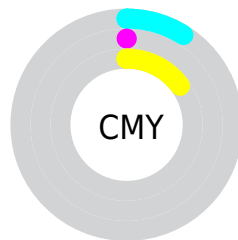
- Red (91%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (95%)



- Cyan (9%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (9%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7378, 0.3197, 0.3668 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 93.7378, 0.3197, 0.3668 by changing the saturation by 10% instead.


 93.7378, 0.3197,
0.3668

 93.7378, 0.3197,
0.3668


540.1162, 0.3168,
0.3497

 71.0849, 0.3203,
0.3706


152.5197, 0.3188,
0.3609

 52.4115, 0.3210,
0.3753

189.4174, 0.3184,
0.3586

 37.3332, 0.3218,
0.3811


231.8322, 0.3180,
0.3567

 25.4655, 0.3228,
0.3886

280.1485, 0.3177,
0.3549

 16.4242, 0.3239,
0.3986

334.7507, 0.3175,
0.3534

 9.8249, 0.3253,
0.4126

396.0231, 0.3172,

 5.2830, 0.3269,

0.3520

0.4335

464.3501, 0.3170,
0.3508

■ 2.4142, 0.3280,
0.4677

■ 0.8332, 0.3516,
0.6484

■ 93.7378, 0.3197,
0.3668

■ 93.7378, 0.3197,
0.3668

■ 89.9766, 0.3242,
0.3958

■ 97.9511, 0.3149,
0.3402

■ 86.6396, 0.3282,
0.4267

99.9986, 0.3127,
0.3290

■ 83.7144, 0.3314,
0.4585

■ 81.1832, 0.3333,
0.4900

■ 79.0267, 0.3335,
0.5195

■ 77.2235, 0.3320,
0.5450

■ 75.7499, 0.3286,
0.5650

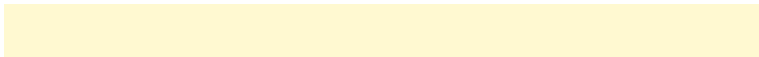
■ 74.5778, 0.3236,
0.5786

■ 74.0439, 0.3205,
0.5837

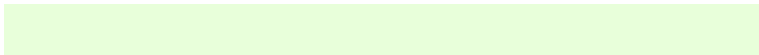
Harmonies

Analogous

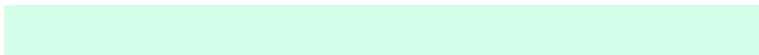
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7378, 0.3410, 0.3688



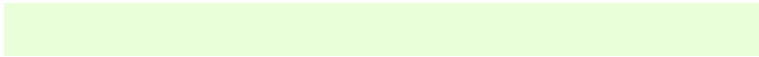
93.7378, 0.3197, 0.3668



93.7378, 0.2971, 0.3534

Triad

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



93.7378, 0.3197, 0.3668



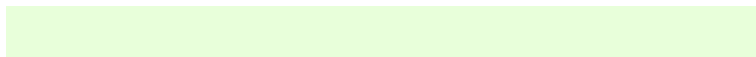
93.7378, 0.2718, 0.2971



93.7378, 0.3473, 0.3238

Complementary

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



93.7378, 0.3197, 0.3668



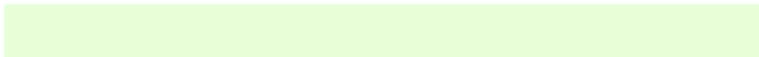
76.0587, 0.3047, 0.2919

Split Complementary

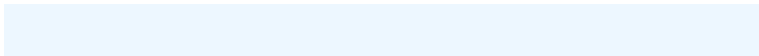
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.7378, 0.3276, 0.3063



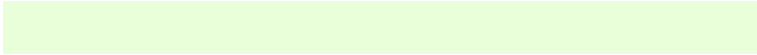
93.7378, 0.3197, 0.3668



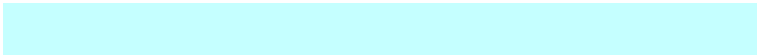
93.7378, 0.2842, 0.2910

Square

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



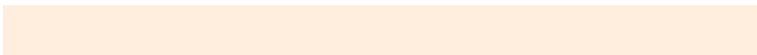
93.7378, 0.3197, 0.3668



93.7378, 0.2700, 0.3122



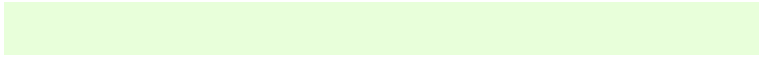
93.7378, 0.3044, 0.2944



93.7378, 0.3574, 0.3431

Rectangle

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



93.7378, 0.3197, 0.3668



93.7378, 0.2842, 0.3402



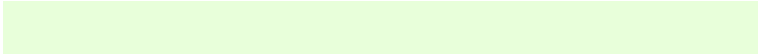
93.7378, 0.3044, 0.2944



93.7378, 0.3415, 0.3175

Sweetspot

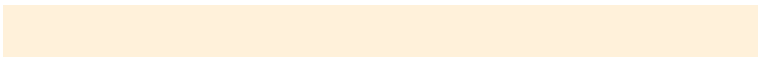
The Sweet Spot groups the original color and five complimentary colors.



93.7418, 0.3197, 0.3668



98.1792, 0.3147, 0.3389



89.1233, 0.3365, 0.3516



20.9429, 0.3150, 0.3408



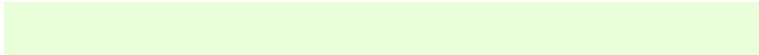
0.0000, 0.0000, 0.0000



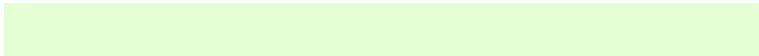
21.4041, 0.3127, 0.3290

Same Dimension

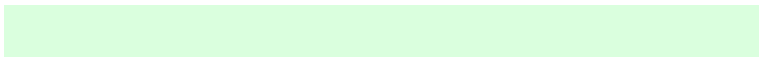
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7418, 0.3197, 0.3668



92.7646, 0.3209, 0.3738



91.7153, 0.3085, 0.3632



20.5038, 0.3173, 0.3532



38.7689, 0.3217, 0.5828



3.8350, 0.3304, 0.5759

Inverse Universe

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



76.0587, 0.3047, 0.2919



72.4063, 0.3031, 0.2852



78.3483, 0.3173, 0.2971



17.9362, 0.3077, 0.3051



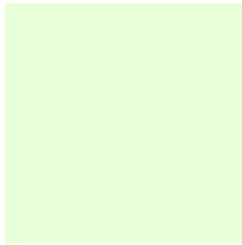
7.6747, 0.2276, 0.1027



0.8099, 0.2381, 0.1085

Previews

White Background



This preview shows how the Yxy color 93.7378, 0.3197, 0.3668 looks on a white background.

Color Contrast Check

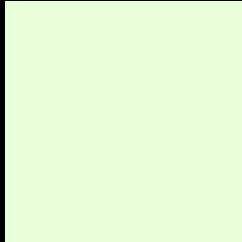
Large Text (above 18pt) WCAG AA × Fail

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 93.7378, 0.3197, 0.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

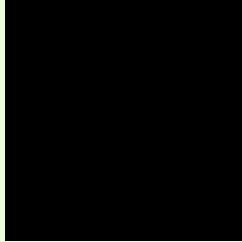
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

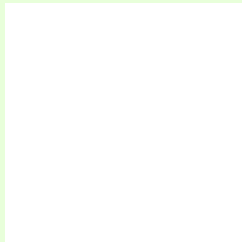
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.7378, 0.3197, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 93.7378, 0.3197, 0.3668.

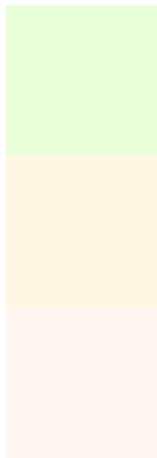


This preview shows how white text looks on a background with the Yxy color 93.7378, 0.3197, 0.3668.

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

93.7378, 0.3197, 0.3668

Protanopia

93.3830, 0.3294, 0.3476

Deuteranopia

93.5823, 0.3209, 0.3329

Tritanopia

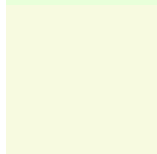
93.7673, 0.3067, 0.3222

Trichromacy



Original Color

93.7378, 0.3197, 0.3668



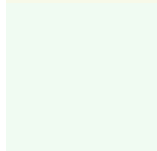
Protanomaly

93.5272, 0.3263, 0.3549



Deuteranomaly

93.4087, 0.3209, 0.3448



Tritanomaly

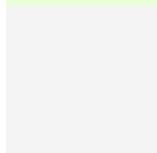
93.9304, 0.3110, 0.3379

Monochromacy



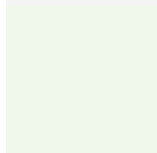
Original Color

93.7378, 0.3197, 0.3668



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.6582, 0.3153, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7378, 0.3197, 0.3668 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(232, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 218)  
}
```

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(232, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 218) }
```

Border

The CSS property to change the border of an element to Yxy 93.7378, 0.3197, 0.3668 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(232, 255, 218) }
```

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

```
.border{ border-color:rgb(232, 255, 218) }
```

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

Here you see how a box with a 4 pixel rgb(232, 255, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7378, 0.3197, 0.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 218) }
```

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

```
.background{ background-color: rgb(232,  
255, 218) }
```

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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