

Converting Colors

$Yxy(92.9810, 0.3257, 0.3694)$

Have a look what the booklet for
Yxy(92.9810, 0.3257, 0.3694)
contains.

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Color

Yxy(93.0592, 0.3260, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	EDFDD5
RGB	237, 253, 213
RGB Percent	93%, 99%, 84%
CMY	0.0706, 0.0078, 0.1646
CMYK	0.06, 0.00, 0.16, 0.01
HSL	84°, 91%, 91%
HSV	84°, 16%, 99%
XYZ	82.0592, 93.0592, 76.5970
YIQ	243.6560, 3.3040, -15.8320

Conversions

Conversions Part 2

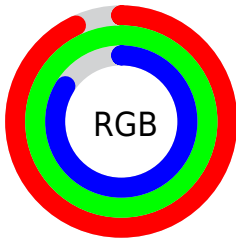
Format	Color
R _Y B	213, 253, 229
Decimal	15597013
CIE Lab	97.25, -12.05, 17.39
CIE LCh	97, 21.155, 124.728
Yxy	93.0592, 0.3260, 0.3697
Android (android.graphics.Color)	4293787093 (0xFFEDFDD5)
YUV	243.6560, -15.1134, -5.8373
Hunter-Lab	96.4672, -16.9777, 20.4495

Details

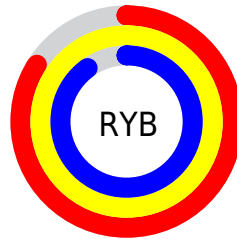
The Yxy color **93.0592, 0.3260, 0.3697** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.3522, 0.2978, 0.2877**, and the grayscale version is **90.3008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7722, 0.3289, 0.3787** is the 20% darker color. If you saturate the color by 10%, you get **90.1817, 0.3342, 0.3976**, and if you desaturate by 10%, it is **96.2438, 0.3176, 0.3434**.

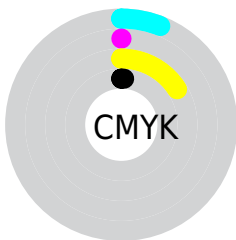
Distribution



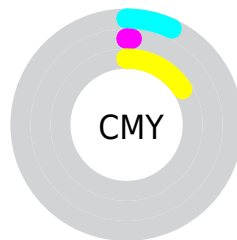
- Red (93%)
- Green (99%)
- Blue (84%)



- Red (84%)
- Yellow (99%)
- Blue (90%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (1%)





- Cyan (7%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0592, 0.3260, 0.3697 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 93.0592, 0.3260, 0.3697 by changing the saturation by 10% instead.


 93.0592, 0.3260,
0.3697

 93.0592, 0.3260,
0.3697


537.9329, 0.3203,
0.3513

 70.5207, 0.3272,
0.3738


151.5806, 0.3241,
0.3634

 51.9512, 0.3286,
0.3788


188.3322, 0.3234,
0.3609

 36.9661, 0.3303,
0.3851

230.5904, 0.3227,
0.3588

 25.1813, 0.3324,
0.3931

278.7395, 0.3221,
0.3569

 16.2122, 0.3351,
0.4038

333.1639, 0.3216,
0.3553

 9.6744, 0.3385,
0.4187

394.2480, 0.3211,

 5.1836, 0.3428,

0.3538

0.4408

462.3762, 0.3207,
0.3525

■ 2.3554, 0.3482,
0.4769

■ 0.8028, 0.3687,
0.6313

■ 93.0592, 0.3260,
0.3697

■ 93.0592, 0.3260,
0.3697

■ 90.1817, 0.3342,
0.3976

■ 96.2438, 0.3176,
0.3434

■ 87.5882, 0.3419,
0.4265

■ 98.7355, 0.3128,
0.3271

■ 85.2713, 0.3485,
0.4553

■ 83.2182, 0.3537,
0.4831

■ 81.4152, 0.3568,
0.5083

■ 79.8469, 0.3576,
0.5295

■ 78.4954, 0.3559,
0.5459

■ 77.3389, 0.3520,
0.5569

■ 76.8994, 0.3499,
0.5604

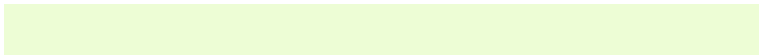
Harmonies

Analogous

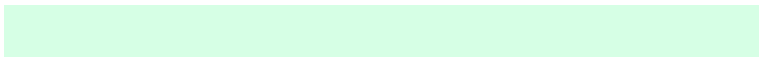
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0592, 0.3466, 0.3686



93.0592, 0.3260, 0.3697



93.0592, 0.3024, 0.3587

Triad

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



93.0592, 0.3260, 0.3697



93.0592, 0.2691, 0.2994



93.0592, 0.3438, 0.3186

Complementary

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



93.0592, 0.3260, 0.3697



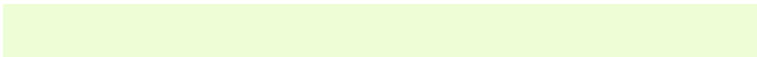
71.3522, 0.2978, 0.2877

Split Complementary

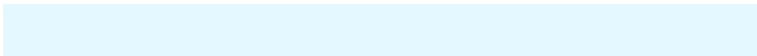
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.0592, 0.3219, 0.3018



93.0592, 0.3260, 0.3697



93.0592, 0.2791, 0.2906

Square

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



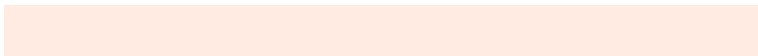
93.0592, 0.3260, 0.3697



93.0592, 0.2701, 0.3169



93.0592, 0.2982, 0.2916



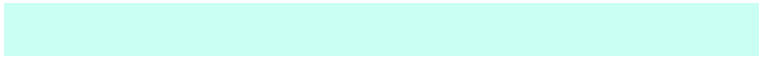
93.0592, 0.3572, 0.3384

Rectangle

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



93.0592, 0.3260, 0.3697



93.0592, 0.2882, 0.3461



93.0592, 0.2982, 0.2916



93.0592, 0.3371, 0.3124

Sweetspot

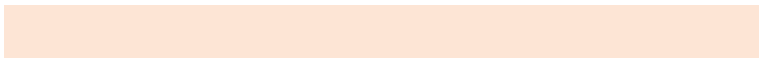
The Sweet Spot groups the original color and five complimentary colors.



93.0632, 0.3260, 0.3697



98.2501, 0.3169, 0.3414



81.7345, 0.3402, 0.3452



20.9783, 0.3175, 0.3431



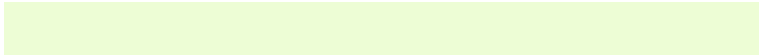
0.0000, 0.0000, 0.0000



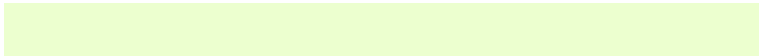
21.4041, 0.3127, 0.3290

Same Dimension

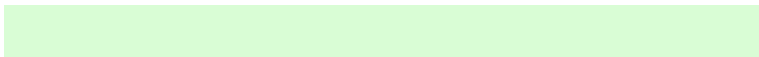
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0632, 0.3260, 0.3697



93.7666, 0.3287, 0.3785



89.8144, 0.3132, 0.3713



20.7066, 0.3207, 0.3529



40.9919, 0.3509, 0.5595



4.0549, 0.3586, 0.5535

Inverse Universe

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



71.3522, 0.2978, 0.2877



67.7894, 0.2943, 0.2786



74.8300, 0.3117, 0.2894



17.7327, 0.3042, 0.3049



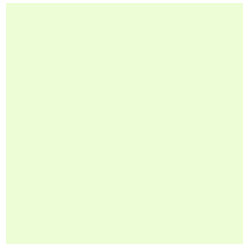
5.3338, 0.1843, 0.0789



0.5808, 0.1969, 0.0858

Previews

White Background



This preview shows how the Yxy color 93.0592, 0.3260, 0.3697 looks on a white background.

Color Contrast Check

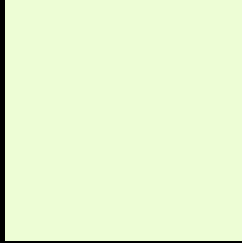
Large Text (above 18pt) WCAG AA × Fail

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 93.0592, 0.3260, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

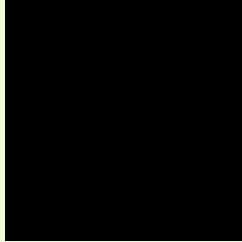
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

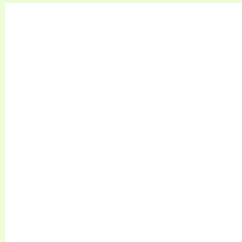
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0592, 0.3260, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 93.0592, 0.3260, 0.3697.

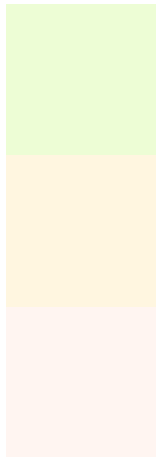


This preview shows how white text looks on a background with the Yxy color 93.0592, 0.3260, 0.3697.

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

93.0592, 0.3260, 0.3697

Protanopia

92.5534, 0.3320, 0.3506

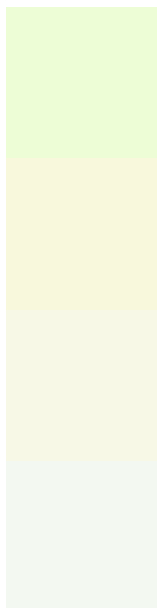
Deuteranopia

92.9157, 0.3216, 0.3329

Tritanopia

92.7244, 0.3074, 0.3202

Trichromacy



Original Color

93.0592, 0.3260, 0.3697

Protanomaly

92.8751, 0.3295, 0.3579

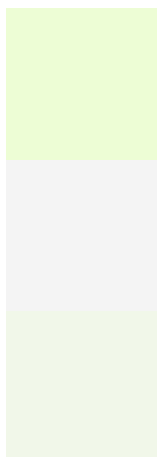
Deuteranomaly

92.8608, 0.3229, 0.3458

Tritanomaly

93.0973, 0.3142, 0.3379

Monochromacy



Original Color

93.0592, 0.3260, 0.3697

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.1055, 0.3172, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0592, 0.3260, 0.3697 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(237, 253, 213)` looks like.

```
.text, #text, p{  
    color:rgb(237, 253, 213)  
}
```

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(237, 253, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 253, 213) }
```

Border

The CSS property to change the border of an element to Yxy 93.0592, 0.3260, 0.3697 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(237, 253, 213) }
```

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

```
.border{ border-color:rgb(237, 253, 213) }
```

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

Here you see how a box with a 4 pixel rgb(237, 253, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 253, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 253, 213);  
box-shadow:4px 4px 4px 4px rgb(237, 253,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0592, 0.3260, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 253, 213) }
```

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

```
.background{ background-color: rgb(237,  
253, 213) }
```

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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