

Converting Colors

$Yxy(92.2003, 0.3214, 0.3530)$

Have a look what the booklet for
Yxy(92.2003, 0.3214, 0.3530)
contains.

Yxy(91.9431, 0.3213, 0.3521)	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(91.9431, 0.3213, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	F1F9E2
RGB	241, 249, 226
RGB Percent	95%, 98%, 89%
CMY	0.0546, 0.0236, 0.1137
CMYK	0.03, 0.00, 0.09, 0.02
HSL	81°, 66%, 93%
HSV	81°, 9%, 98%
XYZ	83.9004, 91.9431, 85.2843
YIQ	243.9860, 2.6150, -8.8490

Conversions

Conversions Part 2

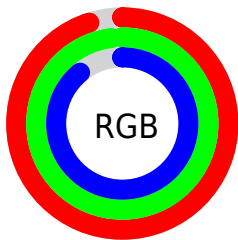
Format	Color
R _Y B	226, 249, 234
Decimal	15858146
CIE Lab	96.80, -6.56, 10.12
CIE LCh	97, 12.057, 122.950
Yxy	91.9431, 0.3213, 0.3521
Android (android.graphics.Color)	4294048226 (0xFFFF1F9E2)
YUV	243.9860, -8.8671, -2.6187
Hunter-Lab	95.8870, -11.6160, 14.3868

Details

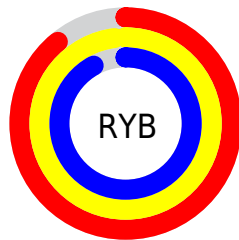
The Yxy color **91.9431, 0.3213, 0.3521** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.7160, 0.3036, 0.3056**, and the grayscale version is **90.5379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3945, 0.3228, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **89.2053, 0.3306, 0.3788**, and if you desaturate by 10%, it is **94.9583, 0.3120, 0.3271**.

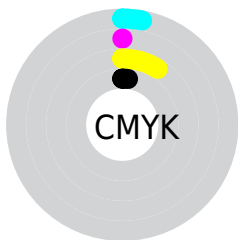
Distribution



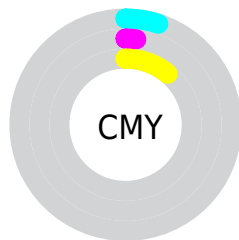
- Red (95%)
- Green (98%)
- Blue (89%)



- Red (89%)
- Yellow (98%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)





- Cyan (5%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.9431, 0.3213, 0.3521 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 91.9431, 0.3213, 0.3521 by changing the saturation by 10% instead.


 91.9431, 0.3213,
0.3521

 91.9431, 0.3213,
0.3521


534.3316, 0.3176,
0.3417

 69.5934, 0.3221,
0.3544


150.0345, 0.3200,
0.3486

 51.1951, 0.3231,
0.3572


186.5450, 0.3195,
0.3472

 36.3639, 0.3243,
0.3607

228.5445, 0.3191,
0.3460

 24.7154, 0.3258,
0.3652

276.4175, 0.3187,
0.3449

 15.8651, 0.3278,
0.3712

330.5483, 0.3184,
0.3440

 9.4288, 0.3304,
0.3795

391.3213, 0.3181,

 5.0219, 0.3341,

0.3431

0.3918

459.1210, 0.3178,
0.3424

■ 2.2601, 0.3396,
0.4120

■ 0.7525, 0.3911,
0.5301

■ 91.9431, 0.3213,
0.3521

■ 91.9431, 0.3213,
0.3521

■ 89.2053, 0.3306,
0.3788

■ 94.9583, 0.3120,
0.3271

■ 86.7233, 0.3397,
0.4066

■ 96.2202, 0.3130,
0.3233

■ 84.4911, 0.3481,
0.4349

■ 82.4978, 0.3553,
0.4627

■ 80.7314, 0.3607,
0.4886

■ 79.1790, 0.3641,
0.5115

■ 77.8256, 0.3649,
0.5301

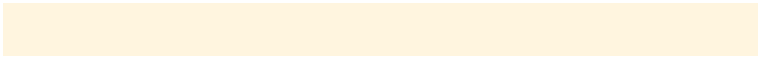
■ 76.6538, 0.3632,
0.5437

■ 75.6376, 0.3593,
0.5525

Harmonies

Analogous

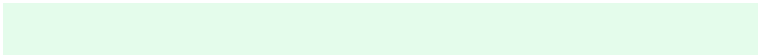
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.9431, 0.3327, 0.3514



91.9431, 0.3213, 0.3521



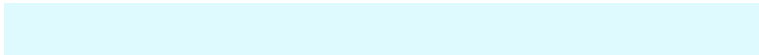
91.9431, 0.3078, 0.3462

Triad

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



91.9431, 0.3213, 0.3521



91.9431, 0.2873, 0.3127



91.9431, 0.3298, 0.3224

Complementary

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



91.9431, 0.3213, 0.3521



78.7160, 0.3036, 0.3056

Split Complementary

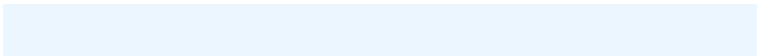
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9431, 0.3173, 0.3127



91.9431, 0.3213, 0.3521



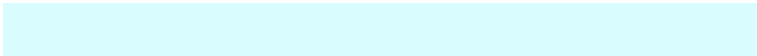
91.9431, 0.2929, 0.3069

Square

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



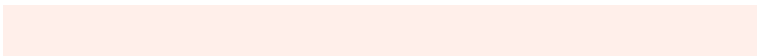
91.9431, 0.3213, 0.3521



91.9431, 0.2883, 0.3231



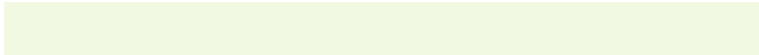
91.9431, 0.3038, 0.3070



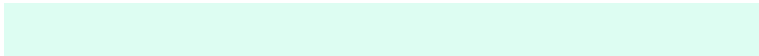
91.9431, 0.3378, 0.3341

Rectangle

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



91.9431, 0.3213, 0.3521



91.9431, 0.2994, 0.3394



91.9431, 0.3038, 0.3070



91.9431, 0.3260, 0.3189

Sweetspot

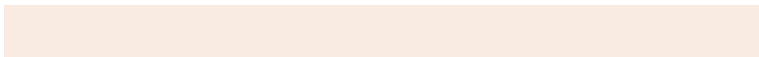
The Sweet Spot groups the original color and five complimentary colors.



91.9471, 0.3213, 0.3521



99.0214, 0.3155, 0.3364



84.2857, 0.3281, 0.3367



21.1396, 0.3162, 0.3383



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.



91.9471, 0.3213, 0.3521



96.5391, 0.3230, 0.3568



90.0287, 0.3140, 0.3526



19.8745, 0.3216, 0.3528



40.5361, 0.3600, 0.5524



3.8130, 0.3671, 0.5467

Inverse Universe

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



78.7160, 0.3036, 0.3056



80.0662, 0.3016, 0.3008



80.6784, 0.3112, 0.3061



16.9332, 0.3033, 0.3049



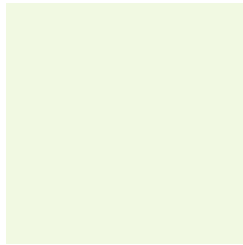
4.7817, 0.1759, 0.0742



0.4991, 0.1887, 0.0813

Previews

White Background



This preview shows how the Yxy color 91.9431, 0.3213, 0.3521 looks on a white background.

Color Contrast Check

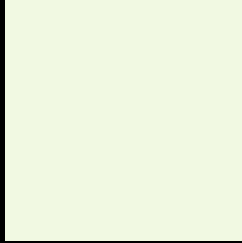
Large Text (above 18pt) WCAG AA × Fail

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 91.9431, 0.3213, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

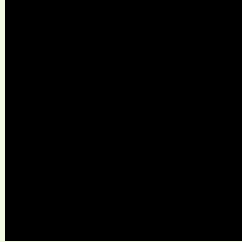
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

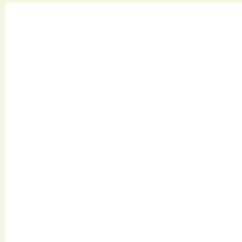
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.9431, 0.3213, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 91.9431, 0.3213, 0.3521.

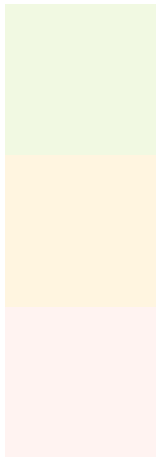


This preview shows how white text looks on a background with the Yxy color 91.9431, 0.3213, 0.3521.

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

91.9431, 0.3213, 0.3521

Protanopia

91.9466, 0.3322, 0.3497

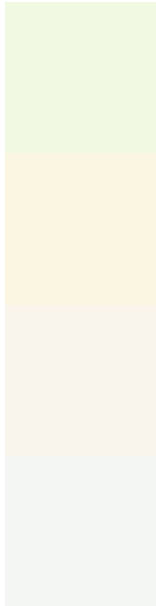
Deuteranopia

91.7121, 0.3218, 0.3310

Tritanopia

92.1176, 0.3074, 0.3193

Trichromacy



Original Color

91.9431, 0.3213, 0.3521

Protanomaly

91.6718, 0.3281, 0.3498

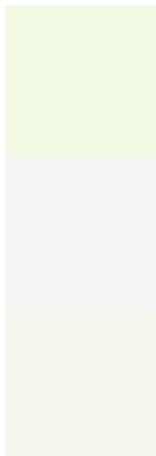
Deuteranomaly

91.6849, 0.3214, 0.3379

Tritanomaly

91.6763, 0.3126, 0.3310

Monochromacy



Original Color

91.9431, 0.3213, 0.3521

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.0806, 0.3162, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9431, 0.3213, 0.3521 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(241, 249, 226)` looks like.

```
.text, #text, p{  
    color:rgb(241, 249, 226)  
}
```

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(241, 249, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 249, 226) }
```

Border

The CSS property to change the border of an element to Yxy 91.9431, 0.3213, 0.3521 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(241, 249, 226) }
```

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

```
.border{ border-color:rgb(241, 249, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 249, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 249, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 249, 226); box-shadow:4px 4px 4px 4px rgb(241, 249, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9431, 0.3213, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 249, 226) }
```

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

```
.background{ background-color: rgb(241,  
249, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor