

Converting Colors

Yxy(91.6412, 0.3153, 0.3545)

Have a look what the booklet for
Yxy(91.6412, 0.3153, 0.3545)
contains.

Yxy(91.6412, 0.3153, 0.3545)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.6412, 0.3153, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	E8FBE2
RGB	232, 251, 226
RGB Percent	91%, 98%, 89%
CMY	0.0902, 0.0157, 0.1136
CMYK	0.08, 0.00, 0.10, 0.02
HSL	106°, 76%, 94%
HSV	106°, 10%, 98%
XYZ	81.5077, 91.6412, 85.3594
YIQ	242.4690, -3.2990, -11.8030

Conversions

Conversions Part 2

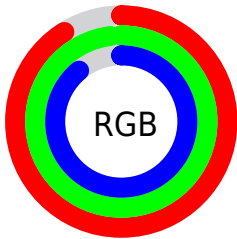
Format	Color
R _Y B	226, 251, 245
Decimal	15268834
CIE Lab	96.67, -10.63, 9.85
CIE LCh	97, 14.492, 137.176
Yxy	91.6412, 0.3153, 0.3545
Android (android.graphics.Color)	4293458914 (0xFFE8FBE2)
YUV	242.4690, -8.1192, -9.1813
Hunter-Lab	95.7294, -15.5448, 14.1432

Details

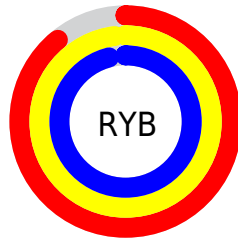
The Yxy color **91.6412, 0.3153, 0.3545** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.7858, 0.3098, 0.3042**, and the grayscale version is **89.2562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7540, 0.3153, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **87.3438, 0.3177, 0.3830**, and if you desaturate by 10%, it is **96.4950, 0.3127, 0.3289**.

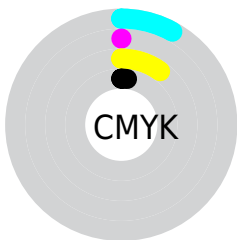
Distribution



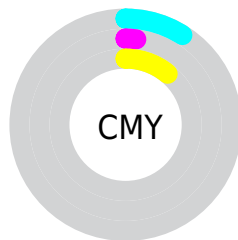
- Red (91%)
- Green (98%)
- Blue (89%)



- Red (89%)
- Yellow (98%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)




- Cyan (9%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.6412, 0.3153, 0.3545 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 91.6412, 0.3153, 0.3545 by changing the saturation by 10% instead.

 91.6412, 0.3153,
0.3545

 91.6412, 0.3153,
0.3545

533.3553, 0.3142,
0.3430

 69.3427, 0.3155,
0.3571


149.6160, 0.3150,
0.3506

 50.9908, 0.3158,
0.3602


186.0611, 0.3148,
0.3490

 36.2013, 0.3160,
0.3641


227.9904, 0.3147,
0.3477

 24.5897, 0.3164,
0.3692

275.7884, 0.3146,
0.3465

 15.7716, 0.3168,
0.3759

329.8395, 0.3145,
0.3455

 9.3627, 0.3172,
0.3854

390.5281, 0.3144,


 4.9785, 0.3177,

0.3446


0.3996


458.2386, 0.3143,
0.3437

 2.2347, 0.3179,
0.4232


 0.7388, 0.3413,
0.5695


 91.6412, 0.3153,
0.3545


 91.6412, 0.3153,
0.3545


 87.3438, 0.3177,
0.3830

 96.4950, 0.3127,
0.3289

 83.5712, 0.3197,
0.4141

 97.4755, 0.3129,
0.3252

 80.3065, 0.3212,
0.4471

 77.5272, 0.3218,
0.4808

■ 75.2091, 0.3213,
0.5133

■ 73.3260, 0.3196,
0.5427

■ 71.8484, 0.3167,
0.5666

■ 70.7431, 0.3128,
0.5834

■ 69.9641, 0.3085,
0.5933

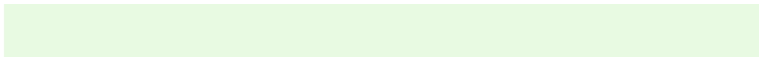
Harmonies

Analogous

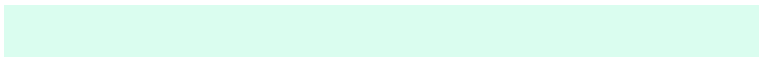
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6412, 0.3308, 0.3574



91.6412, 0.3153, 0.3545



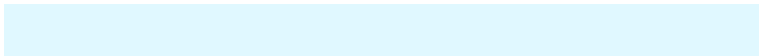
91.6412, 0.2994, 0.3442

Triad

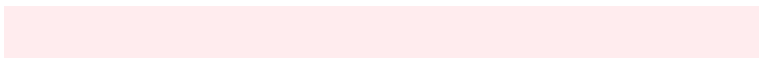
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.6412, 0.3153, 0.3545



91.6412, 0.2844, 0.3053



91.6412, 0.3388, 0.3276

Complementary

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



91.6412, 0.3153, 0.3545



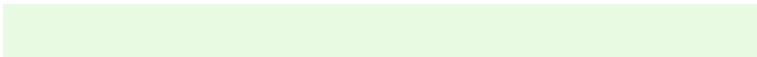
80.7858, 0.3098, 0.3042

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.



91.6412, 0.3258, 0.3145



91.6412, 0.3153, 0.3545



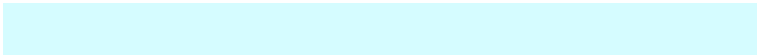
91.6412, 0.2944, 0.3017

Square

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



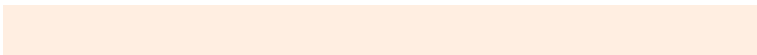
91.6412, 0.3153, 0.3545



91.6412, 0.2818, 0.3153



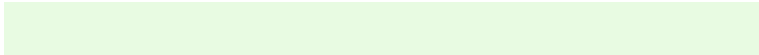
91.6412, 0.3095, 0.3051



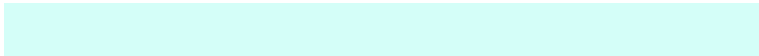
91.6412, 0.3446, 0.3414

Rectangle

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



91.6412, 0.3153, 0.3545



91.6412, 0.2907, 0.3347



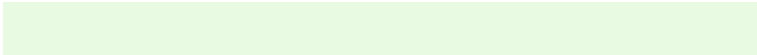
91.6412, 0.3095, 0.3051



91.6412, 0.3351, 0.3230

Sweetspot

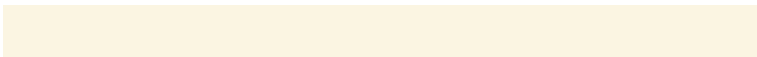
The Sweet Spot groups the original color and five complimentary colors.



91.6451, 0.3153, 0.3545



98.4305, 0.3135, 0.3364



91.1598, 0.3283, 0.3476



20.9803, 0.3137, 0.3384



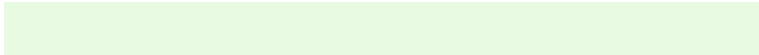
0.0000, 0.0000, 0.0000



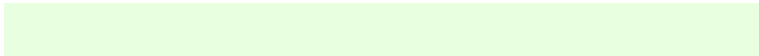
21.4041, 0.3127, 0.3290

Same Dimension

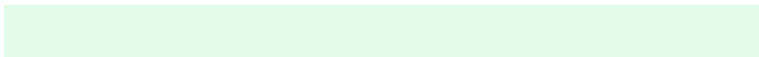
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6451, 0.3153, 0.3545



94.0348, 0.3158, 0.3601



91.0094, 0.3079, 0.3482



19.5100, 0.3152, 0.3533



36.8292, 0.3093, 0.5926



3.4577, 0.3173, 0.5863

Inverse Universe

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



80.7858, 0.3098, 0.3042



80.6421, 0.3091, 0.2989



81.4927, 0.3179, 0.3105



17.3027, 0.3099, 0.3054



9.5434, 0.2608, 0.1211



0.9324, 0.2683, 0.1252

Previews

White Background



This preview shows how the Yxy color 91.6412, 0.3153, 0.3545 looks on a white background.

Color Contrast Check

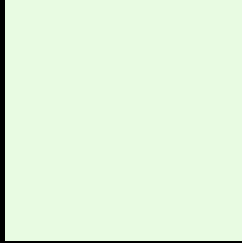
Large Text (above 18pt) WCAG AA × Fail

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 91.6412, 0.3153, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

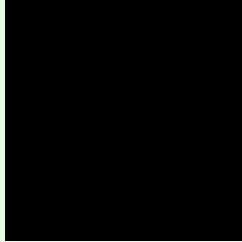
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

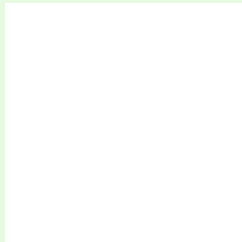
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6412, 0.3153, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 91.6412, 0.3153, 0.3545.

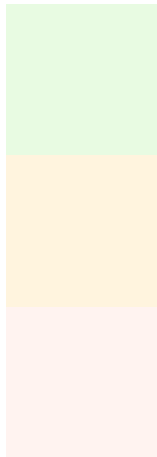


This preview shows how white text looks on a background with the Yxy color 91.6412, 0.3153, 0.3545.

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

91.6412, 0.3153, 0.3545

Protanopia

91.2353, 0.3336, 0.3507

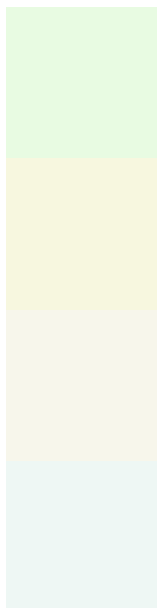
Deuteranopia

91.6525, 0.3224, 0.3319

Tritanopia

91.4021, 0.3049, 0.3192

Trichromacy



Original Color

91.6412, 0.3153, 0.3545

Protanomaly

91.6234, 0.3272, 0.3530

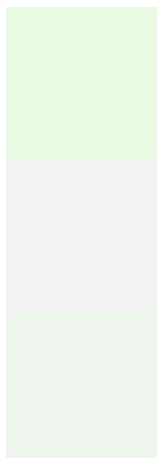
Deuteranomaly

91.6838, 0.3200, 0.3399

Tritanomaly

91.2303, 0.3088, 0.3320

Monochromacy



Original Color

91.6412, 0.3153, 0.3545

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.5381, 0.3136, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6412, 0.3153, 0.3545 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, 251, 226)` looks like.

```
.text, #text, p{  
    color:rgb(232, 251, 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(232, 251, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 251, 226) }
```

Border

The CSS property to change the border of an element to Yxy 91.6412, 0.3153, 0.3545 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, 251, 226) }
```

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

```
.border{ border-color:rgb(232, 251, 226) }
```

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

Here you see how a box with a 4 pixel rgb(232, 251, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 251, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 251, 226);  
box-shadow:4px 4px 4px 4px rgb(232, 251,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6412, 0.3153, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 251, 226) }
```

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

```
.background{ background-color: rgb(232,  
251, 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](#).

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