

Converting Colors

Yxy(90.9168, 0.3132, 0.3626)

Have a look what the booklet for
Yxy(90.9168, 0.3132, 0.3626)
contains.

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Color

Yxy(91.2652, 0.3136, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	E0FDDC
RGB	224, 253, 220
RGB Percent	88%, 99%, 86%
CMY	0.1216, 0.0078, 0.1373
CMYK	0.11, 0.00, 0.13, 0.01
HSL	113°, 89%, 93%
HSV	113°, 13%, 99%
XYZ	78.7800, 91.2652, 81.1665
YIQ	240.5670, -6.6910, -16.4110

Conversions

Conversions Part 2

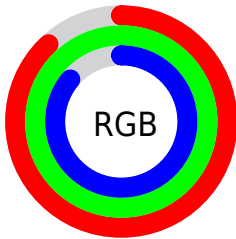
Format	Color
R _Y B	220, 253, 249
Decimal	14745052
CIE Lab	96.52, -15.32, 12.65
CIE LCh	97, 19.873, 140.448
Yxy	91.2652, 0.3136, 0.3633
Android (android.graphics.Color)	4292935132 (0xFFE0FDDC)
YUV	240.5670, -10.1395, -14.5293
Hunter-Lab	95.5328, -19.9846, 16.4991

Details

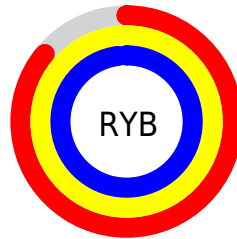
The Yxy color **91.2652, 0.3136, 0.3633** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.4163, 0.3115, 0.2964**, and the grayscale version is **87.6905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6315, 0.3139, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **86.7047, 0.3140, 0.3933**, and if you desaturate by 10%, it is **96.5010, 0.3129, 0.3365**.

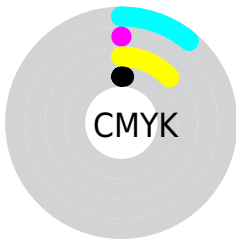
Distribution



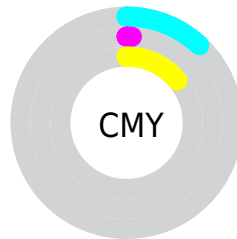
- Red (88%)
- Green (99%)
- Blue (86%)



- Red (86%)
- Yellow (99%)
- Blue (98%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)




- Cyan (12%)
- Magenta (1%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2652, 0.3136, 0.3633 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 91.2652, 0.3136, 0.3633 by changing the saturation by 10% instead.

 91.2652, 0.3136,
0.3633

 91.2652, 0.3136,
0.3633


532.1380, 0.3134,
0.3477

 69.0305, 0.3136,
0.3668


149.0946, 0.3136,
0.3579

 50.7365, 0.3136,
0.3711


185.4580, 0.3135,
0.3558

 35.9990, 0.3135,
0.3765


227.2998, 0.3135,
0.3540

 24.4334, 0.3134,
0.3834

275.0043, 0.3135,
0.3524

 15.6554, 0.3132,
0.3928

328.9560, 0.3135,
0.3510

 9.2807, 0.3127,
0.4059

389.5393, 0.3134,

 4.9247, 0.3115,

0.3498

0.4259

457.1384, 0.3134,
0.3487

■ 2.2031, 0.3085,
0.4593

■ 0.7217, 0.3018,
0.6982

■ 91.2652, 0.3136,
0.3633

■ 91.2652, 0.3136,
0.3633

■ 86.7047, 0.3140,
0.3933

■ 96.5010, 0.3129,
0.3365

■ 82.7809, 0.3141,
0.4260

■ 98.7368, 0.3128,
0.3271

■ 79.4689, 0.3138,
0.4607

■ 76.7376, 0.3129,
0.4956

■ 74.5531, 0.3114,
0.5287

■ 72.8783, 0.3093,
0.5573

■ 71.6710, 0.3068,
0.5792

■ 70.8819, 0.3041,
0.5928

■ 70.5424, 0.3025,
0.5980

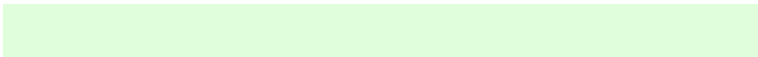
Harmonies

Analogous

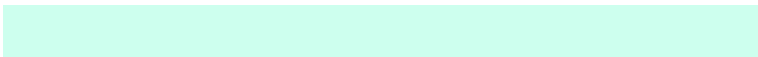
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2652, 0.3353, 0.3684



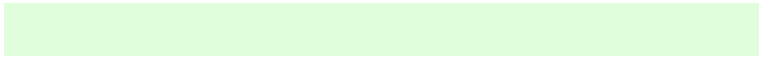
91.2652, 0.3136, 0.3633



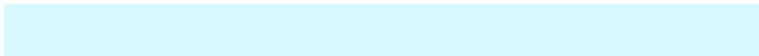
91.2652, 0.2922, 0.3479

Triad

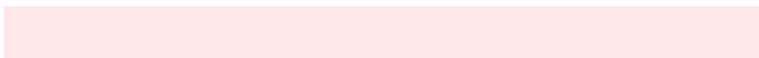
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.2652, 0.3136, 0.3633



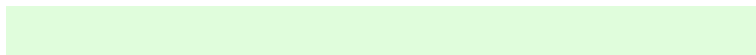
91.2652, 0.2751, 0.2955



91.2652, 0.3500, 0.3289

Complementary

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



91.2652, 0.3136, 0.3633



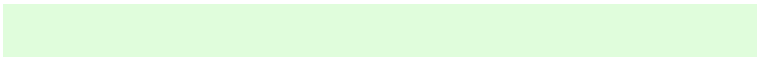
78.4163, 0.3115, 0.2964

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.



91.2652, 0.3329, 0.3110



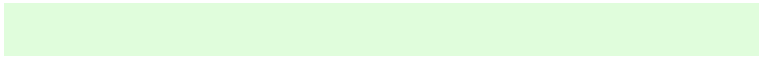
91.2652, 0.3136, 0.3633



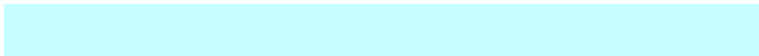
91.2652, 0.2896, 0.2919

Square

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



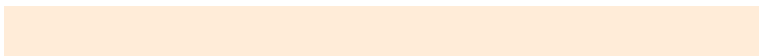
91.2652, 0.3136, 0.3633



91.2652, 0.2705, 0.3081



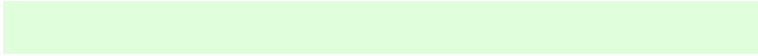
91.2652, 0.3106, 0.2977



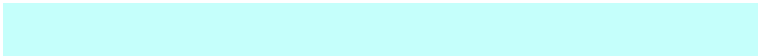
91.2652, 0.3568, 0.3475

Rectangle

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



91.2652, 0.3136, 0.3633



91.2652, 0.2809, 0.3344



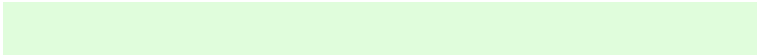
91.2652, 0.3106, 0.2977



91.2652, 0.3453, 0.3226

Sweetspot

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



91.2691, 0.3136, 0.3633



97.6995, 0.3130, 0.3389



93.5602, 0.3329, 0.3572



20.8218, 0.3131, 0.3409



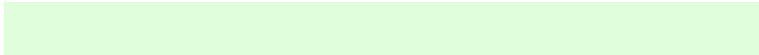
0.0000, 0.0000, 0.0000



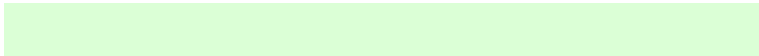
21.4041, 0.3127, 0.3290

Same Dimension

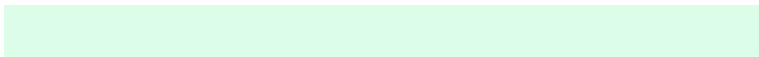
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2691, 0.3136, 0.3633



91.4670, 0.3138, 0.3718



91.3028, 0.3042, 0.3506



20.2734, 0.3134, 0.3534



37.5547, 0.3030, 0.5976



3.6885, 0.3083, 0.5934

Inverse Universe

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



78.4163, 0.3115, 0.2964



75.7496, 0.3111, 0.2888



78.4114, 0.3223, 0.3083



18.1822, 0.3119, 0.3054



12.1080, 0.2905, 0.1374



1.2090, 0.2942, 0.1394

Previews

White Background



This preview shows how the Yxy color 91.2652, 0.3136, 0.3633 looks on a white background.

Color Contrast Check

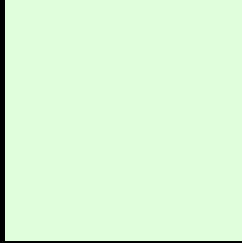
Large Text (above 18pt) WCAG AA × Fail

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 91.2652, 0.3136, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

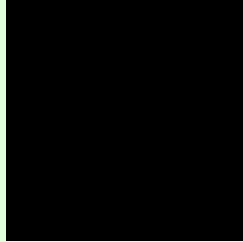
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

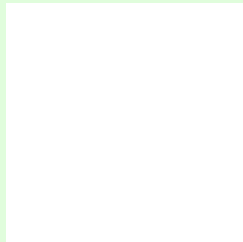
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2652, 0.3136, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 91.2652, 0.3136, 0.3633.

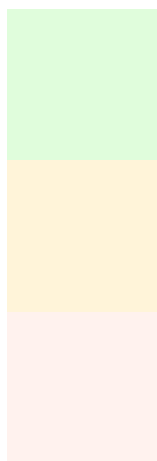


This preview shows how white text looks on a background with the Yxy color 91.2652, 0.3136, 0.3633.

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

91.2652, 0.3136, 0.3633

Protanopia

90.9711, 0.3367, 0.3557

Deuteranopia

90.9373, 0.3237, 0.3329



Tritanopia

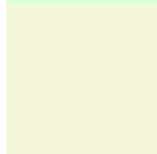
91.4823, 0.3030, 0.3201

Trichromacy



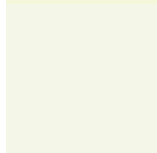
Original Color

91.2652, 0.3136, 0.3633



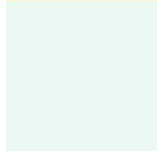
Protanomaly

90.8166, 0.3283, 0.3582



Deuteranomaly

90.9142, 0.3204, 0.3440



Tritanomaly

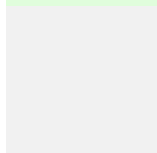
91.6546, 0.3073, 0.3360

Monochromacy



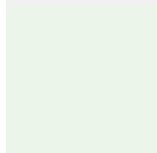
Original Color

91.2652, 0.3136, 0.3633



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

88.8502, 0.3134, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2652, 0.3136, 0.3633 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(224, 253, 220)` looks like.

```
.text, #text, p{  
    color:rgb(224, 253, 220)  
}
```

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(224, 253, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 253, 220) }
```

Border

The CSS property to change the border of an element to Yxy 91.2652, 0.3136, 0.3633 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(224, 253, 220) }
```

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

```
.border{ border-color:rgb(224, 253, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 253, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 253, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 253, 220);  
box-shadow:4px 4px 4px 4px rgb(224, 253,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2652, 0.3136, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 253, 220) }
```

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

```
.background{ background-color: rgb(224,  
253, 220) }
```

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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