

Converting Colors

Yxy(92.0741, 0.3106, 0.3522)

Have a look what the booklet for
Yxy(92.0741, 0.3106, 0.3522)
contains.

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Color

Yxy(91.8280, 0.3104, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	E4FCE6
RGB	228, 252, 230
RGB Percent	89%, 99%, 90%
CMY	0.1059, 0.0118, 0.0980
CMYK	0.10, 0.00, 0.09, 0.01
HSL	125°, 80%, 94%
HSV	125°, 10%, 99%
XYZ	81.0908, 91.8280, 88.3273
YIQ	242.3160, -7.2420, -11.9300

Conversions

Conversions Part 2

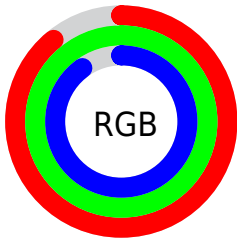
Format	Color
R _Y B	228, 250, 252
Decimal	15006950
CIE Lab	96.75, -11.77, 7.87
CIE LCh	97, 14.158, 146.233
Yxy	91.8280, 0.3104, 0.3515
Android (android.graphics.Color)	4293197030 (0xFFE4FCE6)
YUV	242.3160, -6.0718, -12.5551
Hunter-Lab	95.8269, -16.6466, 12.4290

Details

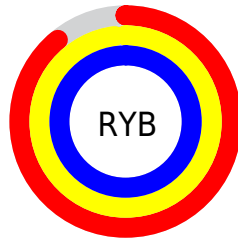
The Yxy color **91.8280, 0.3104, 0.3515** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.0860, 0.3151, 0.3075**, and the grayscale version is **89.1134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.8960, 0.3091, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **86.7939, 0.3079, 0.3783**, and if you desaturate by 10%, it is **97.6424, 0.3128, 0.3280**.

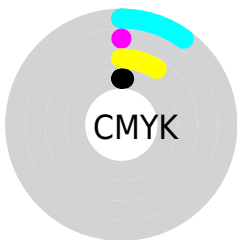
Distribution



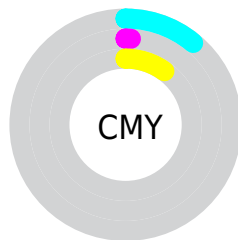
- Red (89%)
- Green (99%)
- Blue (90%)



- Red (89%)
- Yellow (98%)
- Blue (99%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (1%)





- Cyan (11%)
- Magenta (1%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.8280, 0.3104, 0.3515 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 91.8280, 0.3104, 0.3515 by changing the saturation by 10% instead.


 91.8280, 0.3104,
0.3515

 91.8280, 0.3104,
0.3515


533.9595, 0.3115,
0.3414

 69.4978, 0.3101,
0.3538

149.8750, 0.3108,
0.3480

 51.1172, 0.3098,
0.3565


186.3605, 0.3109,
0.3467

 36.3019, 0.3094,
0.3600


228.3333, 0.3111,
0.3455

 24.6674, 0.3088,
0.3644

276.1777, 0.3112,
0.3444

 15.8295, 0.3081,
0.3704

330.2781, 0.3113,
0.3435

 9.4036, 0.3069,
0.3787

391.0190, 0.3114,

 5.0053, 0.3051,

0.3427

0.3913

458.7846, 0.3114,
0.3420

■ 2.2504, 0.3017,
0.4122

■ 0.7473, 0.2950,
0.5212

■ 91.8280, 0.3104,
0.3515

■ 91.8280, 0.3104,
0.3515

■ 86.7939, 0.3079,
0.3783

■ 97.6424, 0.3128,
0.3280

■ 82.4958, 0.3053,
0.4081

■ 98.1031, 0.3128,
0.3262

■ 78.9026, 0.3028,
0.4405

■ 75.9767, 0.3006,
0.4743

■ 73.6768, 0.2989,
0.5078

■ 71.9570, 0.2978,
0.5389

■ 70.7654, 0.2975,
0.5649

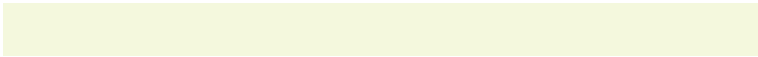
■ 70.0403, 0.2979,
0.5840

■ 69.6898, 0.2988,
0.5954

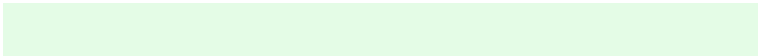
Harmonies

Analogous

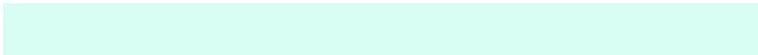
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8280, 0.3261, 0.3567



91.8280, 0.3104, 0.3515



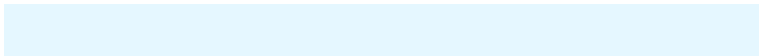
91.8280, 0.2956, 0.3398

Triad

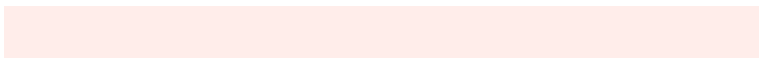
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.8280, 0.3104, 0.3515



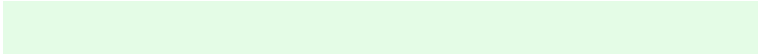
91.8280, 0.2873, 0.3041



91.8280, 0.3407, 0.3318

Complementary

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



91.8280, 0.3104, 0.3515



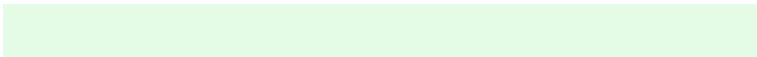
83.0860, 0.3151, 0.3075

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.



91.8280, 0.3298, 0.3184



91.8280, 0.3104, 0.3515



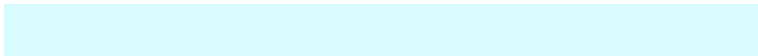
91.8280, 0.2989, 0.3027

Square

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



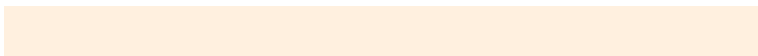
91.8280, 0.3104, 0.3515



91.8280, 0.2825, 0.3121



91.8280, 0.3144, 0.3079



91.8280, 0.3439, 0.3448

Rectangle

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



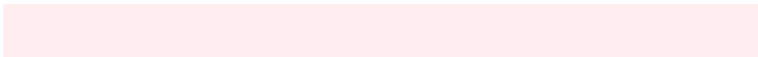
91.8280, 0.3104, 0.3515



91.8280, 0.2881, 0.3301



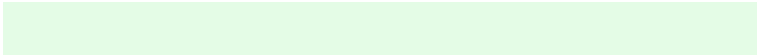
91.8280, 0.3144, 0.3079



91.8280, 0.3378, 0.3272

Sweetspot

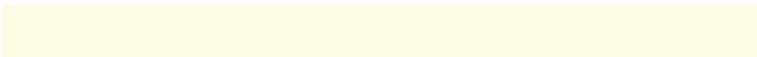
The Sweet Spot groups the original color and five complimentary colors.



91.8319, 0.3104, 0.3515



98.1347, 0.3120, 0.3358



95.5493, 0.3256, 0.3526



20.9008, 0.3118, 0.3376



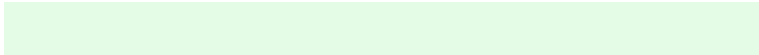
0.0000, 0.0000, 0.0000



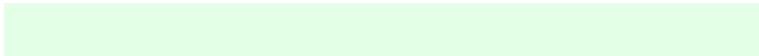
21.4041, 0.3127, 0.3290

Same Dimension

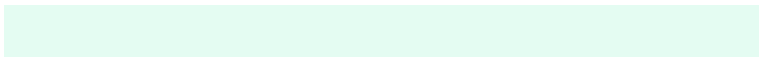
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.8319, 0.3104, 0.3515



93.5171, 0.3100, 0.3553



92.5286, 0.3036, 0.3391



19.3329, 0.3104, 0.3514



36.3032, 0.2985, 0.5945



3.3702, 0.2951, 0.5825

Inverse Universe

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



83.0860, 0.3151, 0.3075



83.2399, 0.3155, 0.3041



82.3580, 0.3229, 0.3191



17.4979, 0.3151, 0.3076



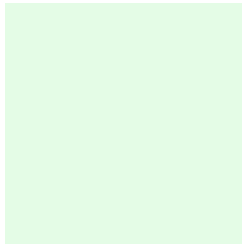
13.7914, 0.3433, 0.1665



1.2845, 0.3403, 0.1648

Previews

White Background



This preview shows how the Yxy color 91.8280, 0.3104, 0.3515 looks on a white background.

Color Contrast Check

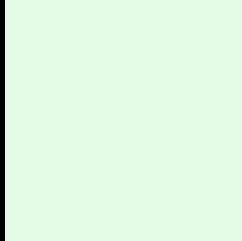
Large Text (above 18pt) WCAG AA × Fail

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 91.8280, 0.3104, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

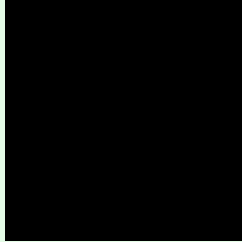
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

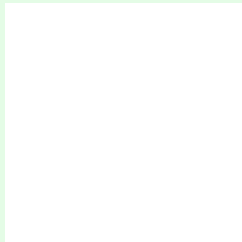
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.8280, 0.3104, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 91.8280, 0.3104, 0.3515.

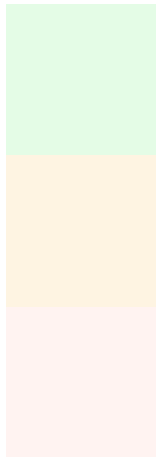


This preview shows how white text looks on a background with the Yxy color 91.8280, 0.3104, 0.3515.

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

91.8280, 0.3104, 0.3515

Protanopia

91.2632, 0.3304, 0.3467

Deuteranopia

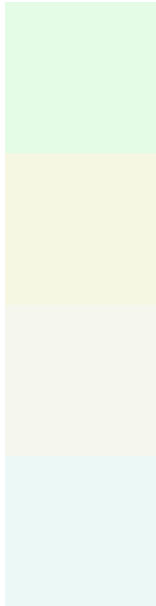
91.7121, 0.3218, 0.3310



Tritanopia

91.6568, 0.3037, 0.3201

Trichromacy



Original Color

91.8280, 0.3104, 0.3515

Protanomaly

91.4801, 0.3234, 0.3490

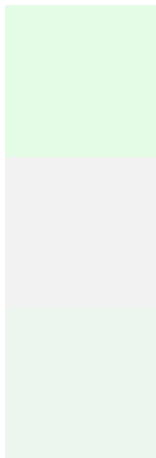
Deuteranomaly

91.4384, 0.3175, 0.3379

Tritanomaly

91.6215, 0.3063, 0.3310

Monochromacy



Original Color

91.8280, 0.3104, 0.3515

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

90.0891, 0.3117, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8280, 0.3104, 0.3515 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(228, 252, 230)` looks like.

```
.text, #text, p{  
    color:rgb(228, 252, 230)  
}
```

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(228, 252, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 252, 230) }
```

Border

The CSS property to change the border of an element to Yxy 91.8280, 0.3104, 0.3515 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(228, 252, 230) }
```

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

```
.border{ border-color:rgb(228, 252, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 252, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 252, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 252, 230);  
box-shadow:4px 4px 4px 4px rgb(228, 252,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8280, 0.3104, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 252, 230) }
```

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

```
.background{ background-color: rgb(228,  
252, 230) }
```

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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