

Converting Colors

$Y_{xy}(134.6957, 0.3121, 0.4277)$

Have a look what the booklet for
Yxy(134.6957, 0.3121, 0.4277)
contains.

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Color

Yxy(91.2332, 0.3161, 0.3764)

Conversions

Conversions Part 1

Format	Color
Hex	DBFFD2
RGB	219, 255, 210
RGB Percent	86%, 100%, 82%
CMY	0.1409, 0.0000, 0.1765
CMYK	0.14, 0.00, 0.18, 0.00
HSL	108°, 100%, 91%
HSV	108°, 18%, 100%
XYZ	76.6175, 91.2332, 74.5330
YIQ	239.1060, -7.0110, -21.6270

Conversions

Conversions Part 2

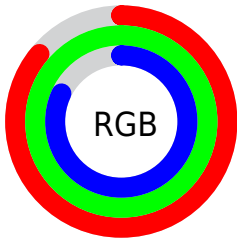
Format	Color
RYB	210, 255, 246
Decimal	14417874
CIELab	96.51, -19.60, 17.71
CIELCh	97, 26.421, 137.900
Yxy	91.2332, 0.3161, 0.3764
Android (android.graphics.Color)	4292607954 (0xFFDBFFD2)
YUV	239.1060, -14.3493, -17.6330
Hunter-Lab	95.5161, -23.9708, 20.5962

Details

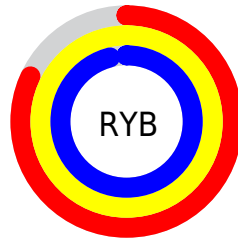
The Yxy color **91.2332, 0.3161, 0.3764** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.8832, 0.3083, 0.2842**, and the grayscale version is **86.5303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6472, 0.3170, 0.3876** is the 20% darker color. If you saturate the color by 10%, you get **87.0978, 0.3176, 0.4072**, and if you desaturate by 10%, it is **95.9651, 0.3143, 0.3484**.

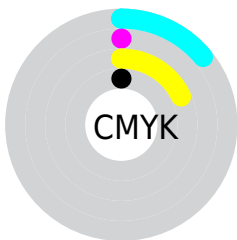
Distribution



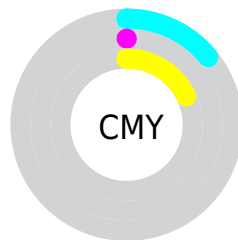
- Red (86%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (96%)



- Cyan (14%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.2332, 0.3161, 0.3764 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 91.2332, 0.3161, 0.3764 by changing the saturation by 10% instead.

 91.2332, 0.3161,
0.3764

 91.2332, 0.3161,
0.3764


532.0343, 0.3149,
0.3547

 69.0039, 0.3163,
0.3813


149.0502, 0.3158,
0.3689

 50.7149, 0.3165,
0.3873


185.4067, 0.3156,
0.3660

 35.9818, 0.3166,
0.3949

227.2410, 0.3155,
0.3635

 24.4201, 0.3167,
0.4047

274.9376, 0.3153,
0.3613

 15.6456, 0.3166,
0.4179

328.8808, 0.3152,
0.3593

 9.2737, 0.3162,
0.4365

389.4551, 0.3151,

 4.9201, 0.3146,

0.3576

0.4648

457.0448, 0.3150,
0.3561

■ 2.2005, 0.3107,
0.5138

■ 0.7203, 0.2224,
0.7776

■ 91.2332, 0.3161,
0.3764

■ 91.2332, 0.3161,
0.3764

■ 87.0978, 0.3176,
0.4072

■ 95.9651, 0.3143,
0.3484

■ 83.5238, 0.3187,
0.4403

99.9955, 0.3127,
0.3290

■ 80.4900, 0.3190,
0.4744

■ 77.9694, 0.3184,
0.5079

■ 75.9327, 0.3168,
0.5386

■ 74.3472, 0.3142,
0.5641

■ 73.1762, 0.3108,
0.5826

■ 72.3750, 0.3069,
0.5934

■ 72.2300, 0.3061,
0.5952

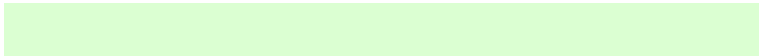
Harmonies

Analogous

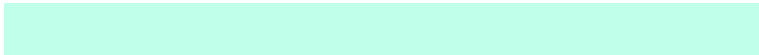
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2332, 0.3447, 0.3815



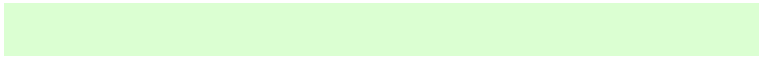
91.2332, 0.3161, 0.3764



91.2332, 0.2876, 0.3565

Triad

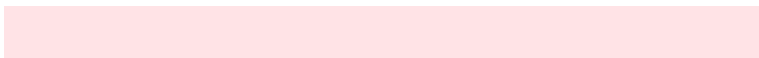
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.2332, 0.3161, 0.3764



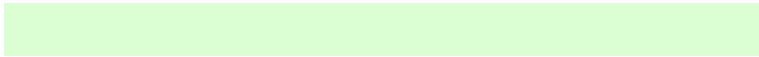
91.2332, 0.2622, 0.2855



91.2332, 0.3610, 0.3264

Complementary

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



91.2332, 0.3161, 0.3764



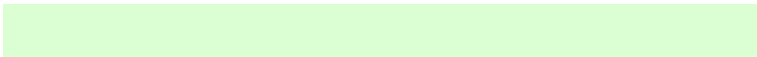
72.8832, 0.3083, 0.2842

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.



91.2332, 0.3370, 0.3035



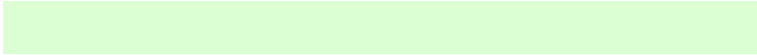
91.2332, 0.3161, 0.3764



91.2332, 0.2800, 0.2802

Square

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



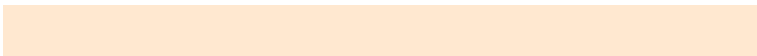
91.2332, 0.3161, 0.3764



91.2332, 0.2573, 0.3027



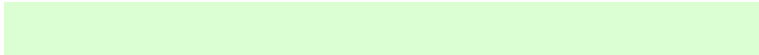
91.2332, 0.3071, 0.2869



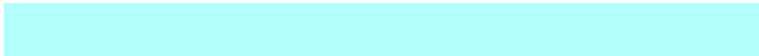
91.2332, 0.3715, 0.3509

Rectangle

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



91.2332, 0.3161, 0.3764



91.2332, 0.2723, 0.3383



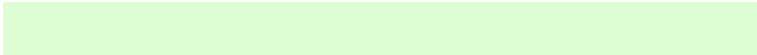
91.2332, 0.3071, 0.2869



91.2332, 0.3542, 0.3183

Sweetspot

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



91.2371, 0.3161, 0.3764



97.3261, 0.3137, 0.3415



91.3619, 0.3410, 0.3639



20.7540, 0.3139, 0.3433



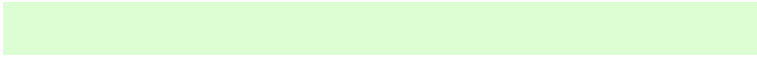
0.0000, 0.0000, 0.0000



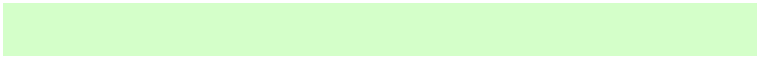
21.4041, 0.3127, 0.3290

Same Dimension

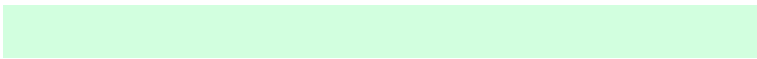
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2371, 0.3161, 0.3764



89.7920, 0.3167, 0.3864



90.5284, 0.3034, 0.3632



20.3444, 0.3146, 0.3534



37.7935, 0.3069, 0.5946



3.7231, 0.3138, 0.5891

Inverse Universe

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



72.8832, 0.3083, 0.2842



68.4729, 0.3073, 0.2753



73.7695, 0.3236, 0.2971



18.1046, 0.3105, 0.3053



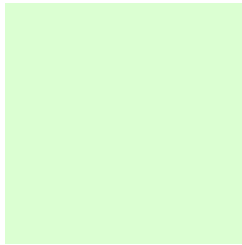
10.5148, 0.2702, 0.1262



1.0685, 0.2763, 0.1296

Previews

White Background



This preview shows how the Yxy color 91.2332, 0.3161, 0.3764 looks on a white background.

Color Contrast Check

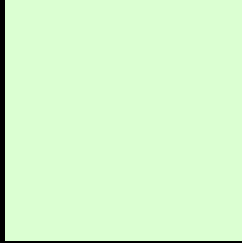
Large Text (above 18pt) WCAG AA × Fail

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 91.2332, 0.3161, 0.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

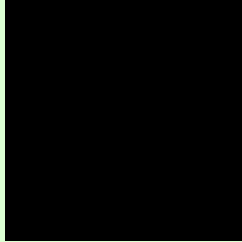
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

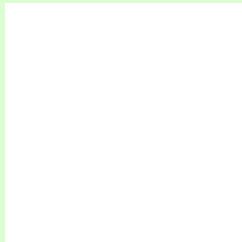
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2332, 0.3161, 0.3764

Background



This preview shows how black text looks on a background with the Yxy color 91.2332, 0.3161, 0.3764.

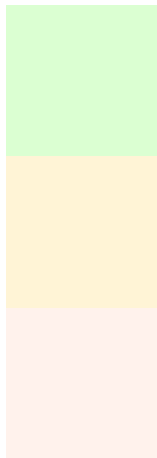


This preview shows how white text looks on a background with the Yxy color 91.2332, 0.3161, 0.3764.

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

91.2332, 0.3161, 0.3764

Protanopia

90.8164, 0.3386, 0.3587

Deuteranopia

90.8204, 0.3250, 0.3349



Tritanopia

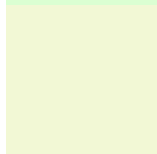
91.1361, 0.3018, 0.3201

Trichromacy



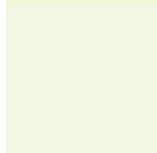
Original Color

91.2332, 0.3161, 0.3764



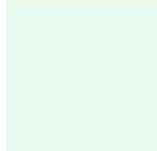
Protanomaly

90.8161, 0.3299, 0.3645



Deuteranomaly

90.9448, 0.3215, 0.3491



Tritanomaly

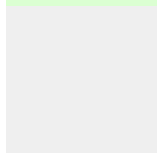
90.8064, 0.3066, 0.3391

Monochromacy



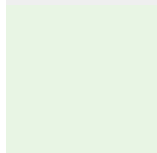
Original Color

91.2332, 0.3161, 0.3764



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.0621, 0.3145, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2332, 0.3161, 0.3764 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(219, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 210)  
}
```

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(219, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 210) }
```

Border

The CSS property to change the border of an element to Yxy 91.2332, 0.3161, 0.3764 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(219, 255, 210) }
```

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

```
.border{ border-color:rgb(219, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2332, 0.3161, 0.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 210) }
```

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

```
.background{ background-color: rgb(219,  
255, 210) }
```

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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