

Converting Colors

$Y_{xy}(105.1392, 0.3047, 0.3884)$

Have a look what the booklet for
Yxy(105.1392, 0.3047, 0.3884)
contains.

Yxy(90.3361, 0.3054, 0.3673)	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(90.3361, 0.3054, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	D2FFDB
RGB	210, 255, 219
RGB Percent	82%, 100%, 86%
CMY	0.1767, 0.0000, 0.1412
CMYK	0.18, 0.00, 0.14, 0.00
HSL	132°, 100%, 91%
HSV	132°, 18%, 100%
XYZ	75.1120, 90.3361, 80.4982
YIQ	237.4410, -15.2640, -20.7360

Conversions

Conversions Part 2

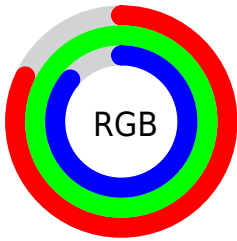
Format	Color
R_{YB}	210, 248, 255
Decimal	13828059
CIE _{Lab}	96.14, -21.08, 12.49
CIE _{LCh}	96, 24.502, 149.343
Y _{xy}	90.3361, 0.3054, 0.3673
Android (android.graphics.Color)	4292018139 (0xFFD2FFDB)
YUV	237.4410, -9.0914, -24.0658
Hunter-Lab	95.0453, -25.2650, 16.3163

Details

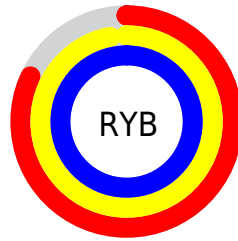
The Yxy color **90.3361, 0.3054, 0.3673** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.9737, 0.3210, 0.2935**, and the grayscale version is **85.1112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.0371, 0.3036, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **85.8715, 0.3013, 0.3927**, and if you desaturate by 10%, it is **95.5115, 0.3096, 0.3446**.

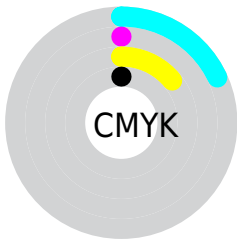
Distribution



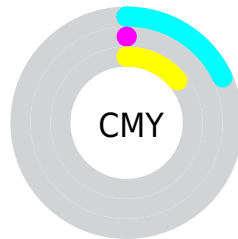
- Red (82%)
- Green (100%)
- Blue (86%)



- Red (82%)
- Yellow (97%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.3361, 0.3054, 0.3673 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 90.3361, 0.3054, 0.3673 by changing the saturation by 10% instead.

 90.3361, 0.3054,
0.3673

 90.3361, 0.3054,
0.3673


529.1236, 0.3089,
0.3498

 68.2594, 0.3046,
0.3713


147.8052, 0.3066,
0.3613

 50.1088, 0.3035,
0.3761


183.9664, 0.3071,
0.3589

 35.4999, 0.3022,
0.3823


225.5912, 0.3075,
0.3569

 24.0482, 0.3005,
0.3902

273.0640, 0.3079,
0.3551

 15.3694, 0.2980,
0.4010

326.7693, 0.3082,
0.3535

 9.0790, 0.2944,
0.4163

387.0914, 0.3084,

 4.7928, 0.2886,

0.3521

0.4396

454.4147, 0.3087,
0.3509

■ 2.1262, 0.2778,
0.4796

■ 0.6793, 0.1618,
0.8382

■ 90.3361, 0.3054,
0.3673

■ 90.3361, 0.3054,
0.3673

■ 85.8715, 0.3013,
0.3927

■ 95.5115, 0.3096,
0.3446

■ 82.1099, 0.2976,
0.4205

100.0000, 0.3127,
0.3290

■ 79.0075, 0.2944,
0.4502

■ 76.5257, 0.2920,
0.4807

■ 74.6217, 0.2908,
0.5105

■ 73.2472, 0.2908,
0.5380

■ 72.3458, 0.2922,
0.5613

■ 71.8443, 0.2946,
0.5790

■ 71.7617, 0.2951,
0.5824

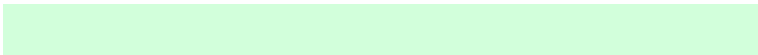
Harmonies

Analogous

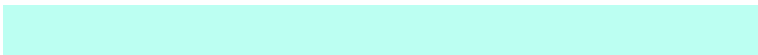
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.3361, 0.3329, 0.3777



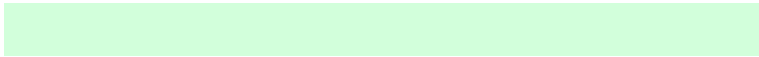
90.3361, 0.3054, 0.3673



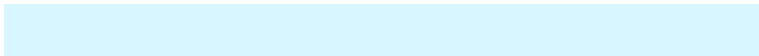
90.3361, 0.2807, 0.3452

Triad

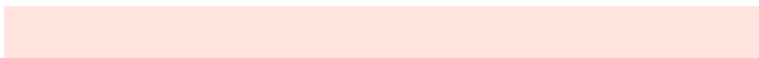
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.3361, 0.3054, 0.3673



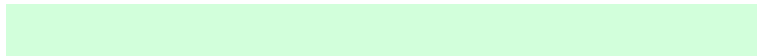
90.3361, 0.2706, 0.2852



90.3361, 0.3631, 0.3355

Complementary

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



90.3361, 0.3054, 0.3673



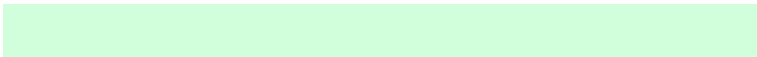
73.9737, 0.3210, 0.2935

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.



90.3361, 0.3449, 0.3129



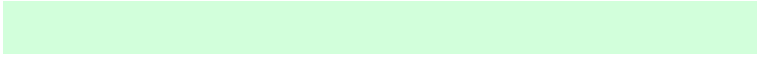
90.3361, 0.3054, 0.3673



90.3361, 0.2911, 0.2846

Square

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



90.3361, 0.3054, 0.3673



90.3361, 0.2612, 0.2973



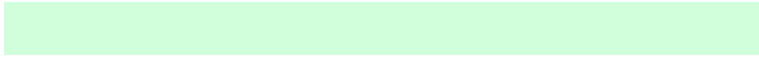
90.3361, 0.3183, 0.2946



90.3361, 0.3670, 0.3576

Rectangle

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



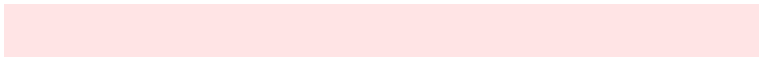
90.3361, 0.3054, 0.3673



90.3361, 0.2688, 0.3276



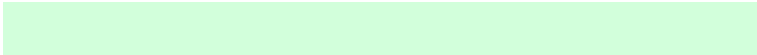
90.3361, 0.3183, 0.2946



90.3361, 0.3584, 0.3278

Sweetspot

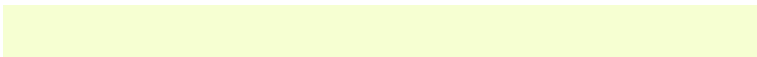
The Sweet Spot groups the original color and five complimentary colors.



90.3277, 0.3054, 0.3673



97.0228, 0.3107, 0.3390



95.7609, 0.3335, 0.3740



20.6806, 0.3104, 0.3404



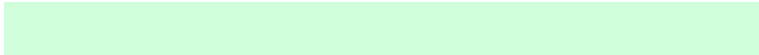
0.0000, 0.0000, 0.0000



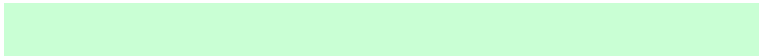
21.4041, 0.3127, 0.3290

Same Dimension

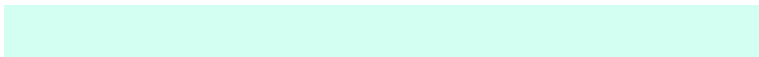
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.3277, 0.3054, 0.3673



88.7647, 0.3040, 0.3754



91.5926, 0.2931, 0.3430



20.2279, 0.3088, 0.3485



37.5138, 0.2945, 0.5801



3.6673, 0.2891, 0.5606

Inverse Universe

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



73.9737, 0.3210, 0.2935



69.7888, 0.3228, 0.2866



72.6763, 0.3370, 0.3154



18.2340, 0.3169, 0.3102



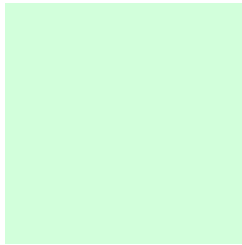
13.4012, 0.3796, 0.1865



1.3200, 0.3716, 0.1821

Previews

White Background



This preview shows how the Yxy color 90.3361, 0.3054, 0.3673 looks on a white background.

Color Contrast Check

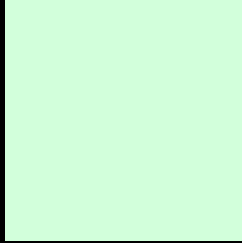
Large Text (above 18pt) WCAG AA × Fail

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 90.3361, 0.3054, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

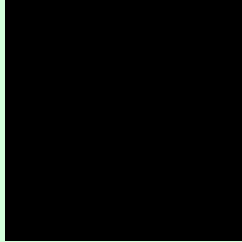
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

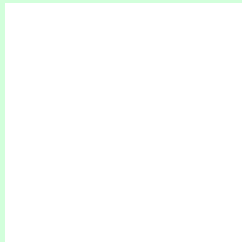
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.3361, 0.3054, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 90.3361, 0.3054, 0.3673.

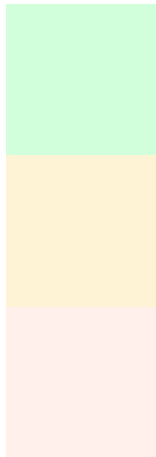


This preview shows how white text looks on a background with the Yxy color 90.3361, 0.3054, 0.3673.

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

90.3361, 0.3054, 0.3673

Protanopia

90.1653, 0.3394, 0.3588

Deuteranopia

89.6363, 0.3252, 0.3329



Tritanopia

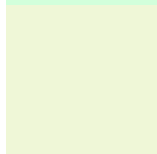
90.2873, 0.2987, 0.3200

Trichromacy



Original Color

90.3361, 0.3054, 0.3673



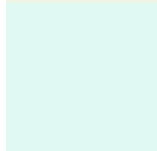
Protanomaly

89.7785, 0.3268, 0.3617



Deuteranomaly

89.3687, 0.3178, 0.3442



Tritanomaly

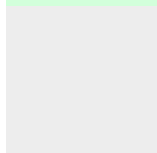
90.0095, 0.3012, 0.3361

Monochromacy



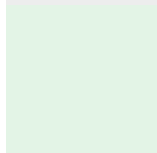
Original Color

90.3361, 0.3054, 0.3673



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.7454, 0.3101, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.3361, 0.3054, 0.3673 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(210, 255, 219)` looks like.

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

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

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

Border

The CSS property to change the border of an element to Yxy 90.3361, 0.3054, 0.3673 is called "border". The border property can be set on classes, ids or directly on the HTML element.

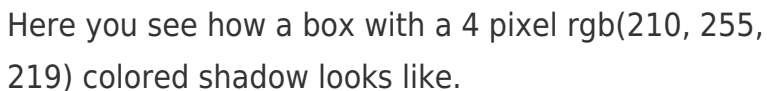
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 255, 219) }
```

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

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

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



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

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


Background

The CSS property to change the background color of an element to Yxy 90.3361, 0.3054, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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