

Converting Colors

$Yxy(90.3685, 0.3157, 0.3654)$

Have a look what the booklet for
Yxy(90.3685, 0.3157, 0.3654)
contains.

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Color

Yxy(90.4779, 0.3154, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	E0FCD9
RGB	224, 252, 217
RGB Percent	88%, 99%, 85%
CMY	0.1215, 0.0117, 0.1490
CMYK	0.11, 0.00, 0.14, 0.01
HSL	108°, 85%, 92%
HSV	108°, 14%, 99%
XYZ	78.0759, 90.4779, 78.9918
YIQ	239.6380, -5.4530, -16.8210

Conversions

Conversions Part 2

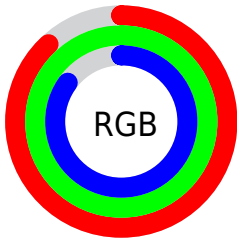
Format	Color
R_{YB}	217, 252, 245
Decimal	14744793
CIE _{Lab}	96.19, -15.33, 13.73
CIE _{LCh}	96, 20.578, 138.148
Yxy	90.4779, 0.3154, 0.3655
Android (android.graphics.Color)	4292934873 (0xFFE0FCD9)
YUV	239.6380, -11.1605, -13.7145
Hunter-Lab	95.1199, -19.9442, 17.3468

Details

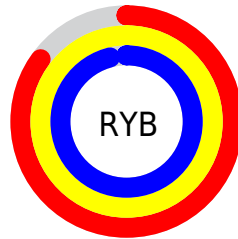
The Yxy color **90.4779, 0.3154, 0.3655** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.0652, 0.3094, 0.2941**, and the grayscale version is **86.9347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.0739, 0.3162, 0.3734** is the 20% darker color. If you saturate the color by 10%, you get **86.2369, 0.3170, 0.3953**, and if you desaturate by 10%, it is **95.3087, 0.3135, 0.3386**.

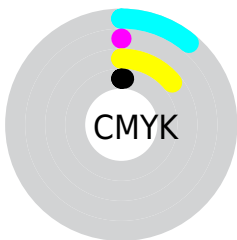
Distribution



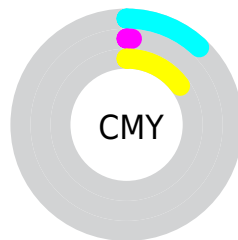
- Red (88%)
- Green (99%)
- Blue (85%)



- Red (85%)
- Yellow (99%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (1%)



- Cyan (12%)
- Magenta (1%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.4779, 0.3154, 0.3655 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 90.4779, 0.3154, 0.3655 by changing the saturation by 10% instead.


 90.4779, 0.3154,
0.3655

 90.4779, 0.3154,
0.3655

529.5842, 0.3144,
0.3489

 68.3771, 0.3156,
0.3692


148.0020, 0.3151,
0.3598

 50.2046, 0.3158,
0.3738


184.1941, 0.3150,
0.3575

 35.5760, 0.3160,
0.3796


225.8521, 0.3149,
0.3556

 24.1069, 0.3162,
0.3871

273.3604, 0.3147,
0.3539

 15.4129, 0.3163,
0.3971

327.1034, 0.3146,
0.3524

 9.1097, 0.3163,
0.4112

387.4654, 0.3146,

 4.8128, 0.3158,

0.3511

454.8309, 0.3145,
0.3499

0.4327

■ 2.1379, 0.3136,
0.4688

■ 0.6858, 0.2882,
0.7118

■ 90.4779, 0.3154,
0.3655

■ 90.4779, 0.3154,
0.3655

■ 86.2369, 0.3170,
0.3953

■ 95.3087, 0.3135,
0.3386

■ 82.5517, 0.3183,
0.4276

■ 98.1039, 0.3128,
0.3262

■ 79.4023, 0.3189,
0.4615

■ 76.7633, 0.3187,
0.4955

■ 74.6069, 0.3175,
0.5275

■ 72.9026, 0.3152,
0.5552

■ 71.6164, 0.3121,
0.5765

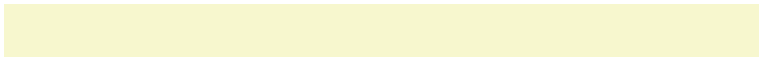
■ 70.7084, 0.3083,
0.5902

■ 70.3135, 0.3060,
0.5952

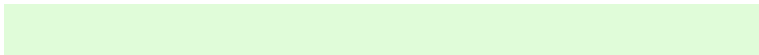
Harmonies

Analogous

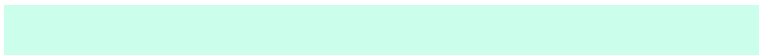
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4779, 0.3377, 0.3698



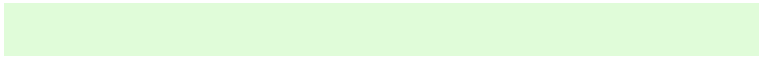
90.4779, 0.3154, 0.3655



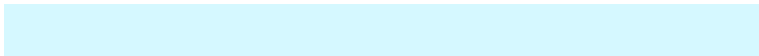
90.4779, 0.2930, 0.3502

Triad

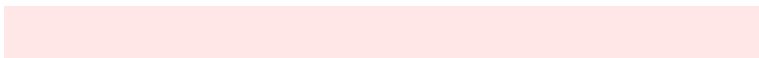
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.4779, 0.3154, 0.3655



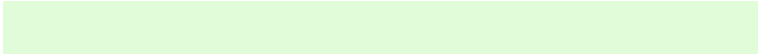
90.4779, 0.2730, 0.2949



90.4779, 0.3504, 0.3274

Complementary

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



90.4779, 0.3154, 0.3655



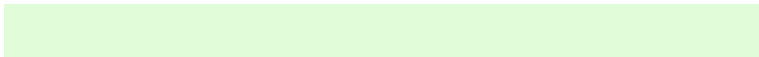
76.0652, 0.3094, 0.2941

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.



90.4779, 0.3320, 0.3090



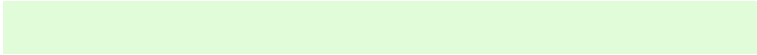
90.4779, 0.3154, 0.3655



90.4779, 0.2872, 0.2905

Square

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



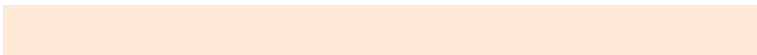
90.4779, 0.3154, 0.3655



90.4779, 0.2690, 0.3086



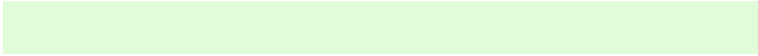
90.4779, 0.3087, 0.2957



90.4779, 0.3585, 0.3468

Rectangle

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



90.4779, 0.3154, 0.3655



90.4779, 0.2809, 0.3362



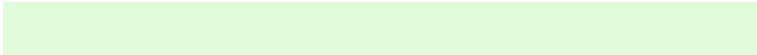
90.4779, 0.3087, 0.2957



90.4779, 0.3452, 0.3209

Sweetspot

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



90.4818, 0.3154, 0.3655



97.8458, 0.3135, 0.3389



90.6605, 0.3346, 0.3563



20.8587, 0.3137, 0.3408



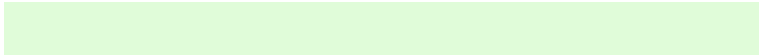
0.0000, 0.0000, 0.0000



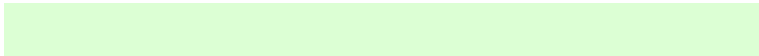
21.4041, 0.3127, 0.3290

Same Dimension

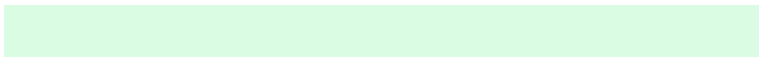
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.4818, 0.3154, 0.3655



91.5227, 0.3159, 0.3745



89.9168, 0.3053, 0.3553



19.4765, 0.3146, 0.3533



36.6741, 0.3068, 0.5946



3.4389, 0.3141, 0.5888

Inverse Universe

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



76.0652, 0.3094, 0.2941



73.7833, 0.3086, 0.2859



76.7370, 0.3210, 0.3041



17.3388, 0.3106, 0.3054



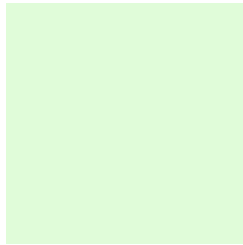
10.2333, 0.2706, 0.1264



0.9908, 0.2769, 0.1299

Previews

White Background



This preview shows how the Yxy color 90.4779, 0.3154, 0.3655 looks on a white background.

Color Contrast Check

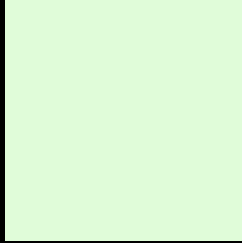
Large Text (above 18pt) WCAG AA × Fail

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 90.4779, 0.3154, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

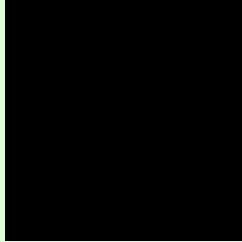
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

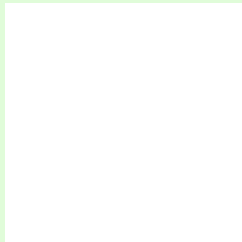
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.4779, 0.3154, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 90.4779, 0.3154, 0.3655.

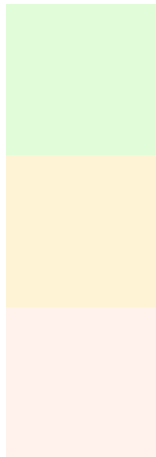


This preview shows how white text looks on a background with the Yxy color 90.4779, 0.3154, 0.3655.

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

90.4779, 0.3154, 0.3655

Protanopia

90.1653, 0.3394, 0.3588

Deuteranopia

90.2267, 0.3251, 0.3339



Tritanopia

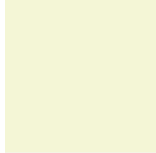
90.5293, 0.3018, 0.3191

Trichromacy



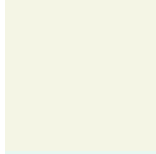
Original Color

90.4779, 0.3154, 0.3655



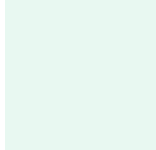
Protanomaly

89.9997, 0.3309, 0.3614



Deuteranomaly

90.1951, 0.3217, 0.3450



Tritanomaly

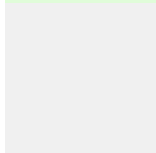
90.6415, 0.3067, 0.3361

Monochromacy



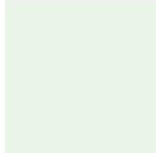
Original Color

90.4779, 0.3154, 0.3655



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.0200, 0.3134, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.4779, 0.3154, 0.3655 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, 252, 217)` looks like.

```
.text, #text, p{  
    color:rgb(224, 252, 217)  
}
```

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, 252, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 252, 217) }
```

Border

The CSS property to change the border of an element to Yxy 90.4779, 0.3154, 0.3655 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, 252, 217) }
```

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

```
.border{ border-color:rgb(224, 252, 217) }
```

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

Here you see how a box with a 4 pixel rgb(224, 252, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 252, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 252, 217);  
box-shadow:4px 4px 4px 4px rgb(224, 252,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 90.4779, 0.3154, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 252, 217) }
```

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

```
.background{ background-color: rgb(224,  
252, 217) }
```

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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