

Converting Colors

Yxy(90.5587, 0.3198, 0.3663)

Have a look what the booklet for
Yxy(90.5587, 0.3198, 0.3663)
contains.

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Color

Yxy(90.5587, 0.3198, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	E5FBD7
RGB	229, 251, 215
RGB Percent	90%, 98%, 84%
CMY	0.1022, 0.0156, 0.1568
CMYK	0.09, 0.00, 0.14, 0.02
HSL	97°, 82%, 91%
HSV	97°, 14%, 98%
XYZ	79.0627, 90.5587, 77.6041
YIQ	240.3180, -1.5560, -15.8600

Conversions

Conversions Part 2

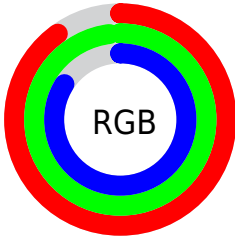
Format	Color
RYP	215, 251, 237
Decimal	15072215
CIELab	96.23, -13.51, 14.85
CIElCh	96, 20.071, 132.297
Yxy	90.5587, 0.3198, 0.3663
Android (android.graphics.Color)	4293262295 (0xFFE5FBD7)
YUV	240.3180, -12.4818, -9.9259
Hunter-Lab	95.1623, -18.2328, 18.2631

Details

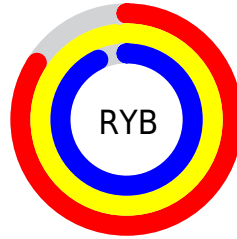
The Yxy color **90.5587, 0.3198, 0.3663** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.5879, 0.3046, 0.2924**, and the grayscale version is **87.4960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.0059, 0.3211, 0.3745** is the 20% darker color. If you saturate the color by 10%, you get **86.9503, 0.3245, 0.3952**, and if you desaturate by 10%, it is **94.5972, 0.3149, 0.3398**.

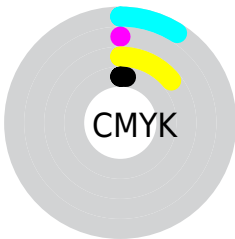
Distribution



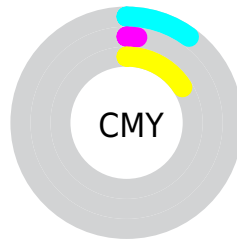
- Red (90%)
- Green (98%)
- Blue (84%)



- Red (84%)
- Yellow (98%)
- Blue (93%)



- Cyan (9%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)





- Cyan (10%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.5587, 0.3198, 0.3663 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 90.5587, 0.3198, 0.3663 by changing the saturation by 10% instead.


 90.5587, 0.3198,
0.3663

 90.5587, 0.3198,
0.3663


529.8466, 0.3168,
0.3493

 68.4441, 0.3204,
0.3701


148.1142, 0.3188,
0.3605

 50.2591, 0.3211,
0.3748


184.3239, 0.3184,
0.3582

 35.6193, 0.3220,
0.3806


226.0008, 0.3181,
0.3562

 24.1403, 0.3230,
0.3882

273.5293, 0.3178,
0.3545

 15.4378, 0.3242,
0.3983

327.2937, 0.3175,
0.3530

 9.1272, 0.3257,
0.4126

387.6784, 0.3173,

 4.8242, 0.3274,

0.3516

0.4341

455.0680, 0.3170,
0.3504

■ 2.1445, 0.3287,
0.4700

■ 0.6895, 0.3208,
0.6792

■ 90.5587, 0.3198,
0.3663

■ 90.5587, 0.3198,
0.3663

■ 86.9503, 0.3245,
0.3952

■ 94.5972, 0.3149,
0.3398

■ 83.7456, 0.3286,
0.4259

■ 97.4873, 0.3129,
0.3252

■ 80.9326, 0.3319,
0.4576

■ 78.4946, 0.3339,
0.4890

■ 76.4133, 0.3343,
0.5184

■ 74.6686, 0.3329,
0.5439

■ 73.2378, 0.3295,
0.5640

■ 72.0945, 0.3246,
0.5776

■ 71.5571, 0.3214,
0.5830

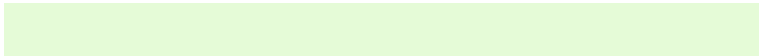
Harmonies

Analogous

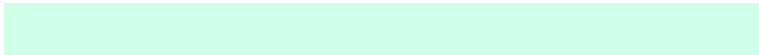
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.5587, 0.3408, 0.3682



90.5587, 0.3198, 0.3663



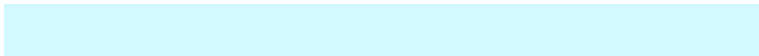
90.5587, 0.2975, 0.3532

Triad

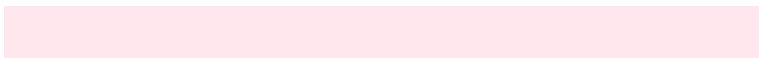
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.5587, 0.3198, 0.3663



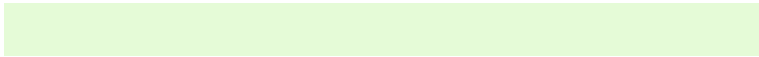
90.5587, 0.2723, 0.2977



90.5587, 0.3466, 0.3237

Complementary

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



90.5587, 0.3198, 0.3663



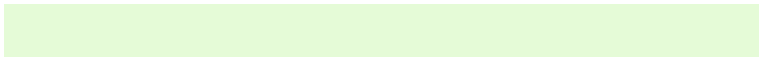
73.5879, 0.3046, 0.2924

Split Complementary

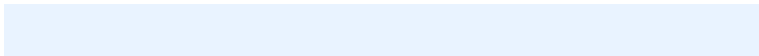
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.5587, 0.3272, 0.3065



90.5587, 0.3198, 0.3663



90.5587, 0.2845, 0.2915

Square

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



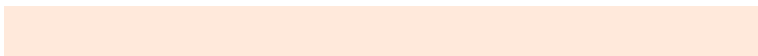
90.5587, 0.3198, 0.3663



90.5587, 0.2706, 0.3126



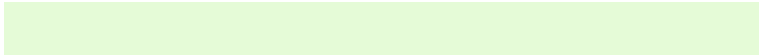
90.5587, 0.3044, 0.2949



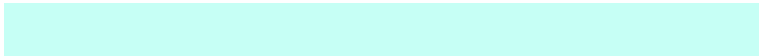
90.5587, 0.3568, 0.3428

Rectangle

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



90.5587, 0.3198, 0.3663



90.5587, 0.2848, 0.3402



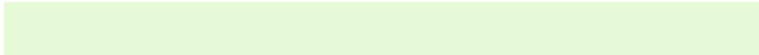
90.5587, 0.3044, 0.2949



90.5587, 0.3410, 0.3176

Sweetspot

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



90.5626, 0.3198, 0.3663



98.1938, 0.3147, 0.3389



85.7648, 0.3363, 0.3508



20.9465, 0.3151, 0.3408



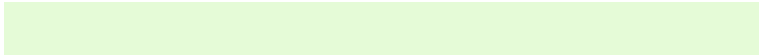
0.0000, 0.0000, 0.0000



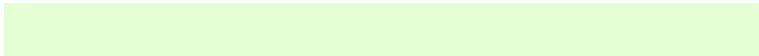
21.4041, 0.3127, 0.3290

Same Dimension

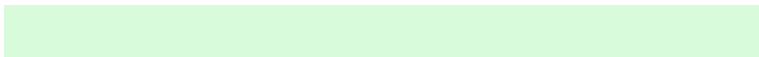
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.5626, 0.3198, 0.3663



92.8199, 0.3211, 0.3738



88.5488, 0.3089, 0.3634



19.6367, 0.3174, 0.3531



37.6840, 0.3226, 0.5821



3.5492, 0.3318, 0.5748

Inverse Universe

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



73.5879, 0.3046, 0.2924



72.3478, 0.3029, 0.2852



75.8575, 0.3168, 0.2969



17.1696, 0.3076, 0.3052



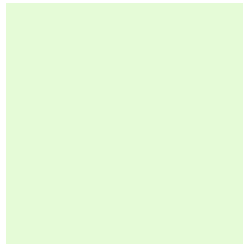
7.3513, 0.2259, 0.1018



0.7420, 0.2371, 0.1080

Previews

White Background



This preview shows how the Yxy color 90.5587, 0.3198, 0.3663 looks on a white background.

Color Contrast Check

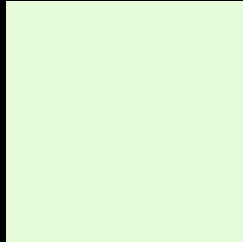
Large Text (above 18pt) WCAG AA × Fail

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 90.5587, 0.3198, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

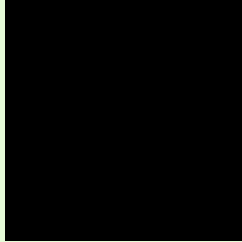
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

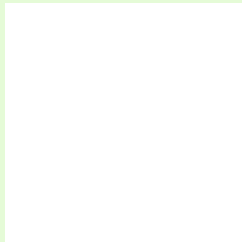
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.5587, 0.3198, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 90.5587, 0.3198, 0.3663.

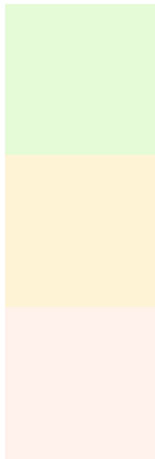


This preview shows how white text looks on a background with the Yxy color 90.5587, 0.3198, 0.3663.

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

90.5587, 0.3198, 0.3663

Protanopia

90.1653, 0.3394, 0.3588

Deuteranopia

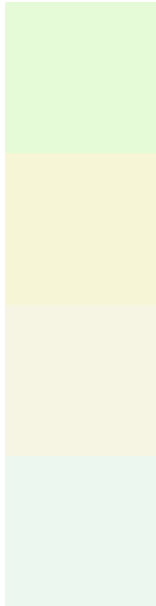
90.2267, 0.3251, 0.3339



Tritanopia

90.4466, 0.3037, 0.3181

Trichromacy



Original Color

90.5587, 0.3198, 0.3663

Protanomaly

90.3594, 0.3322, 0.3612

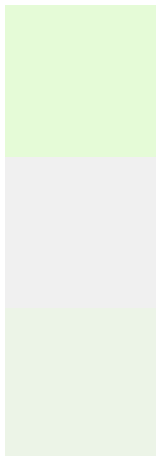
Deuteranomaly

90.4991, 0.3237, 0.3460

Tritanomaly

90.6457, 0.3098, 0.3360

Monochromacy



Original Color

90.5587, 0.3198, 0.3663

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

88.3038, 0.3153, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.5587, 0.3198, 0.3663 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(229, 251, 215)` looks like.

```
.text, #text, p{  
    color:rgb(229, 251, 215)  
}
```

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(229, 251, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 251, 215) }
```

Border

The CSS property to change the border of an element to Yxy 90.5587, 0.3198, 0.3663 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(229, 251, 215) }
```

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

```
.border{ border-color:rgb(229, 251, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 251, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 251, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 251, 215);  
box-shadow:4px 4px 4px 4px rgb(229, 251,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 90.5587, 0.3198, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 251, 215) }
```

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

```
.background{ background-color: rgb(229,  
251, 215) }
```

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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