

Converting Colors

$Yxy(88.2856, 0.3258, 0.3713)$

Have a look what the booklet for
Yxy(88.2856, 0.3258, 0.3713)
contains.

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Color

Yxy(88.4628, 0.3255, 0.3718)

Conversions

Conversions Part 1

Format	Color
Hex	E6F8CF
RGB	230, 248, 207
RGB Percent	90%, 97%, 81%
CMY	0.0983, 0.0274, 0.1882
CMYK	0.07, 0.00, 0.17, 0.03
HSL	86°, 75%, 89%
HSV	86°, 17%, 97%
XYZ	77.4466, 88.4628, 72.0218
YIQ	237.9440, 2.4330, -16.5670

Conversions

Conversions Part 2

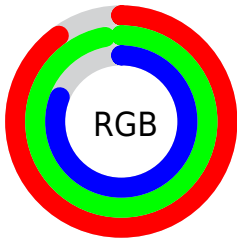
Format	Color
R_{YB}	207, 248, 225
Decimal	15136975
CIE _{Lab}	95.36, -12.97, 17.73
CIE _{LCh}	95, 21.971, 126.188
Yxy	88.4628, 0.3255, 0.3718
Android (android.graphics.Color)	4293327055 (0xFFE6F8CF)
YUV	237.9440, -15.2554, -6.9669
Hunter-Lab	94.0547, -17.6150, 20.4373

Details

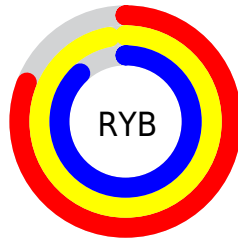
The Yxy color **88.4628, 0.3255, 0.3718** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.4249, 0.2982, 0.2858**, and the grayscale version is **85.5678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9979, 0.3275, 0.3815** is the 20% darker color. If you saturate the color by 10%, you get **85.5949, 0.3330, 0.4000**, and if you desaturate by 10%, it is **91.6425, 0.3178, 0.3453**.

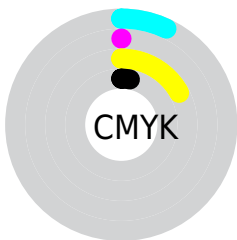
Distribution



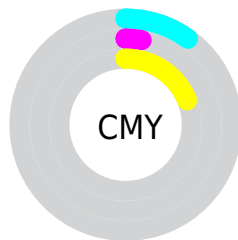
- Red (90%)
- Green (97%)
- Blue (81%)



- Red (81%)
- Yellow (97%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)





- Cyan (10%)
- Magenta (3%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.4628, 0.3255, 0.3718 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 88.4628, 0.3255, 0.3718 by changing the saturation by 10% instead.

 88.4628, 0.3255,
0.3718

 88.4628, 0.3255,
0.3718

523.0176, 0.3200,
0.3523

 66.7064, 0.3267,
0.3762

145.2013, 0.3237,
0.3651

 48.8461, 0.3280,
0.3816


180.9522, 0.3229,
0.3624

 34.4974, 0.3297,
0.3884

222.1367, 0.3223,
0.3602

 23.2760, 0.3317,
0.3972

269.1393, 0.3217,
0.3582

 14.7974, 0.3343,
0.4089

322.3443, 0.3212,
0.3564

 8.6773, 0.3374,
0.4255

382.1360, 0.3208,

 4.5313, 0.3414,

0.3549

0.4506

448.8990, 0.3204,
0.3535

■ 1.9750, 0.3491,
0.4971

■ 0.5929, 0.2940,
0.7060

■ 88.4628, 0.3255,
0.3718

■ 88.4628, 0.3255,
0.3718

■ 85.5949, 0.3330,
0.4000

■ 91.6425, 0.3178,
0.3453

■ 83.0162, 0.3399,
0.4293

■ 95.0291, 0.3110,
0.3223

■ 80.7190, 0.3457,
0.4587

■ 95.6297, 0.3130,
0.3223

■ 78.6906, 0.3501,
0.4870

■ 76.9172, 0.3524,
0.5127

■ 75.3832, 0.3525,
0.5344

■ 74.0709, 0.3501,
0.5511

■ 72.9585, 0.3456,
0.5622

■ 72.6095, 0.3438,
0.5652

Harmonies

Analogous

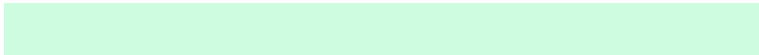
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4628, 0.3476, 0.3711



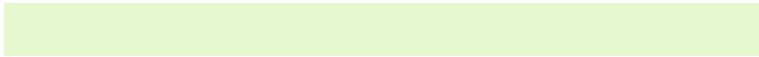
88.4628, 0.3255, 0.3718



88.4628, 0.3006, 0.3596

Triad

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



88.4628, 0.3255, 0.3718



88.4628, 0.2670, 0.2970



88.4628, 0.3465, 0.3190

Complementary

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



88.4628, 0.3255, 0.3718



67.4249, 0.2982, 0.2858

Split Complementary

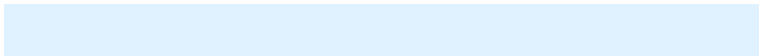
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4628, 0.3236, 0.3010



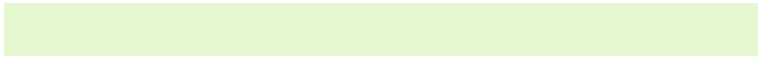
88.4628, 0.3255, 0.3718



88.4628, 0.2781, 0.2883

Square

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



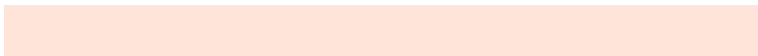
88.4628, 0.3255, 0.3718



88.4628, 0.2675, 0.3151



88.4628, 0.2985, 0.2899



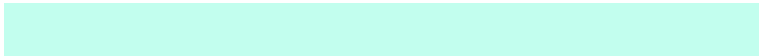
88.4628, 0.3602, 0.3399

Rectangle

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



88.4628, 0.3255, 0.3718



88.4628, 0.2858, 0.3460



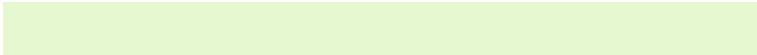
88.4628, 0.2985, 0.2899



88.4628, 0.3395, 0.3124

Sweetspot

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



88.4666, 0.3255, 0.3718



98.1551, 0.3166, 0.3414



78.1950, 0.3414, 0.3474



20.9552, 0.3171, 0.3432



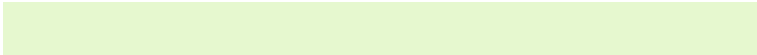
0.0000, 0.0000, 0.0000



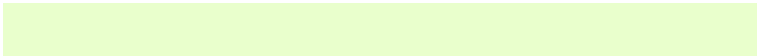
21.4041, 0.3127, 0.3290

Same Dimension

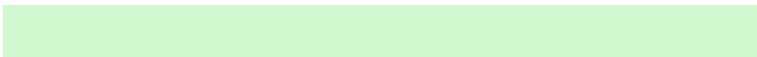
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4666, 0.3255, 0.3718



93.1213, 0.3282, 0.3815



85.3170, 0.3124, 0.3736



19.7878, 0.3201, 0.3529



39.2995, 0.3449, 0.5644



3.7026, 0.3534, 0.5576

Inverse Universe

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



67.4249, 0.2982, 0.2858



66.6535, 0.2946, 0.2760



70.8678, 0.3127, 0.2877



17.0175, 0.3048, 0.3050



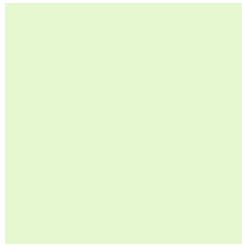
5.5095, 0.1912, 0.0827



0.5719, 0.2044, 0.0900

Previews

White Background



This preview shows how the Yxy color 88.4628, 0.3255, 0.3718 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 88.4628, 0.3255, 0.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

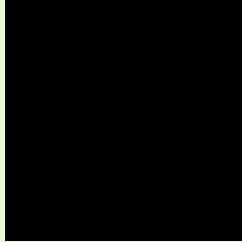
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

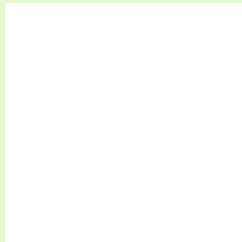
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4628, 0.3255, 0.3718

Background



This preview shows how black text looks on a background with the Yxy color 88.4628, 0.3255, 0.3718.

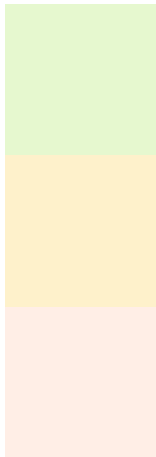


This preview shows how white text looks on a background with the Yxy color 88.4628, 0.3255, 0.3718.

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

88.4628, 0.3255, 0.3718

Protanopia

88.2932, 0.3455, 0.3670

Deuteranopia

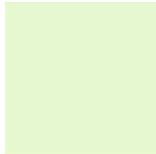
88.1222, 0.3292, 0.3369



Tritanopia

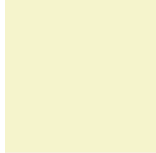
88.4813, 0.3031, 0.3151

Trichromacy



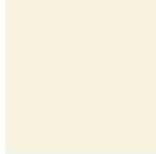
Original Color

88.4628, 0.3255, 0.3718



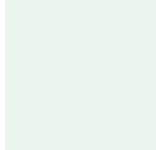
Protanomaly

88.4735, 0.3381, 0.3697



Deuteranomaly

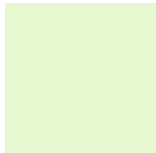
88.3710, 0.3277, 0.3491



Tritanomaly

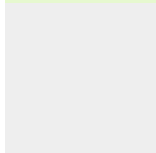
88.7073, 0.3111, 0.3351

Monochromacy



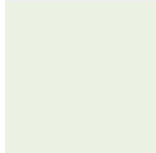
Original Color

88.4628, 0.3255, 0.3718



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

86.7125, 0.3172, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4628, 0.3255, 0.3718 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(230, 248, 207)` looks like.

```
.text, #text, p{  
    color:rgb(230, 248, 207)  
}
```

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(230, 248, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 248, 207) }
```

Border

The CSS property to change the border of an element to Yxy 88.4628, 0.3255, 0.3718 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(230, 248, 207) }
```

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

```
.border{ border-color:rgb(230, 248, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 248, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 248, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 248, 207);  
box-shadow:4px 4px 4px 4px rgb(230, 248,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4628, 0.3255, 0.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 248, 207) }
```

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

```
.background{ background-color: rgb(230,  
248, 207) }
```

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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