

Converting Colors

$Yxy(85.0609, 0.3263, 0.3660)$

Have a look what the booklet for
Yxy(85.0609, 0.3263, 0.3660)
contains.

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Color

Yxy(84.8322, 0.3262, 0.3658)

Conversions

Conversions Part 1

Format	Color
Hex	E6F2CF
RGB	230, 242, 207
RGB Percent	90%, 95%, 81%
CMY	0.0980, 0.0510, 0.1882
CMYK	0.05, 0.00, 0.14, 0.05
HSL	81°, 57%, 88%
HSV	81°, 14%, 95%
XYZ	75.6486, 84.8322, 71.4279
YIQ	234.4220, 4.0830, -13.4290

Conversions

Conversions Part 2

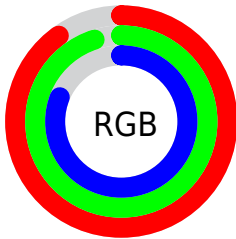
Format	Color
R _Y B	207, 242, 219
Decimal	15135439
CIE Lab	93.81, -9.96, 15.55
CIE LCh	94, 18.464, 122.632
Yxy	84.8322, 0.3262, 0.3658
Android (android.graphics.Color)	4293325519 (0xFFE6F2CF)
YUV	234.4220, -13.5190, -3.8781
Hunter-Lab	92.1044, -14.5743, 18.4931

Details

The Yxy color $84.8322, 0.3262, 0.3658$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $66.1083, 0.2978, 0.2914$, and the grayscale version is $82.7207, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $46.4164, 0.3284, 0.3739$ is the 20% darker color. If you saturate the color by 10%, you get $82.3999, 0.3354, 0.3931$, and if you desaturate by 10%, it is $87.5187, 0.3168, 0.3400$.

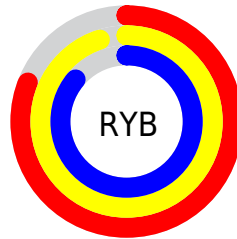
Distribution



Red (90%)

Green (95%)

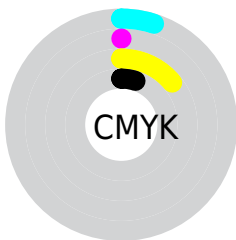
Blue (81%)



Red (81%)

Yellow (95%)

Blue (86%)

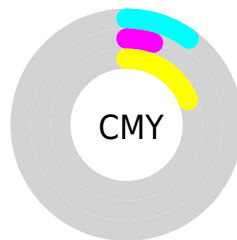


Cyan (5%)

Magenta (0%)

Yellow (14%)

Black (5%)



Cyan (10%)


Magenta (5%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.8322, 0.3262, 0.3658 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 84.8322, 0.3262, 0.3658 by changing the saturation by 10% instead.


 84.8322, 0.3262,
0.3658

 84.8322, 0.3262,
0.3658


511.0727, 0.3203,
0.3489

 63.7027, 0.3275,
0.3696

140.1387, 0.3242,
0.3600

 46.4100, 0.3290,
0.3743

175.0846, 0.3234,
0.3577

 32.5694, 0.3309,
0.3802


215.4046, 0.3227,
0.3557

 21.7968, 0.3333,
0.3879

261.4834, 0.3221,
0.3540

 13.7077, 0.3363,
0.3982

313.7052, 0.3216,
0.3525

 7.9176, 0.3403,
0.4128

372.4544, 0.3211,

 4.0423, 0.3457,

0.3512

0.4351

438.1154, 0.3207,
0.3500

■ 1.6972, 0.3576,
0.4793

■ 0.4219, 0.2724,
0.7276

■ 84.8322, 0.3262,
0.3658

■ 84.8322, 0.3262,
0.3658

■ 82.3999, 0.3354,
0.3931

■ 87.5187, 0.3168,
0.3400

■ 80.2017, 0.3442,
0.4213

■ 90.4302, 0.3079,
0.3163

■ 78.2315, 0.3520,
0.4494

■ 91.9706, 0.3132,
0.3165

■ 76.4786, 0.3584,
0.4763

■ 91.9873, 0.3133,
0.3165

■ 74.9315, 0.3628,
0.5008

■ 73.5771, 0.3649,
0.5215

■ 72.4006, 0.3645,
0.5376

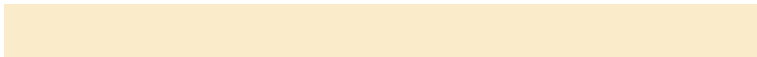
■ 71.3837, 0.3616,
0.5486

■ 70.8743, 0.3592,
0.5530

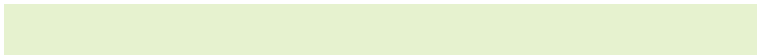
Harmonies

Analogous

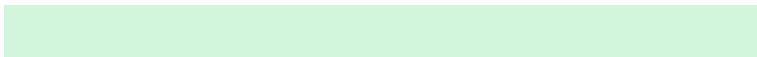
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8322, 0.3443, 0.3642



84.8322, 0.3262, 0.3658



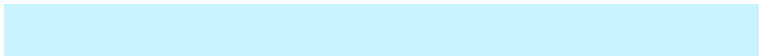
84.8322, 0.3050, 0.3566

Triad

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



84.8322, 0.3262, 0.3658



84.8322, 0.2730, 0.3033



84.8322, 0.3395, 0.3184

Complementary

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



84.8322, 0.3262, 0.3658



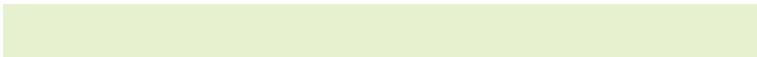
66.1083, 0.2978, 0.2914

Split Complementary

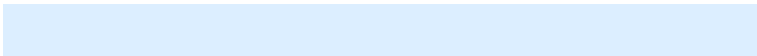
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.8322, 0.3195, 0.3035



84.8322, 0.3262, 0.3658



84.8322, 0.2815, 0.2946

Square

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



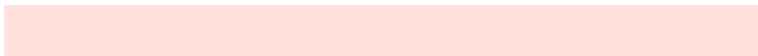
84.8322, 0.3262, 0.3658



84.8322, 0.2747, 0.3195



84.8322, 0.2983, 0.2949



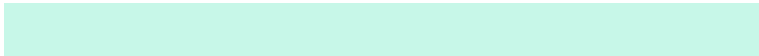
84.8322, 0.3522, 0.3363

Rectangle

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



84.8322, 0.3262, 0.3658



84.8322, 0.2919, 0.3457



84.8322, 0.2983, 0.2949



84.8322, 0.3333, 0.3130

Sweetspot

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



84.8359, 0.3262, 0.3658



98.7026, 0.3164, 0.3388



73.8798, 0.3379, 0.3413



21.0753, 0.3171, 0.3407



0.0000, 0.0000, 0.0000



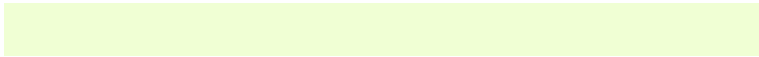
21.4041, 0.3127, 0.3290

Same Dimension

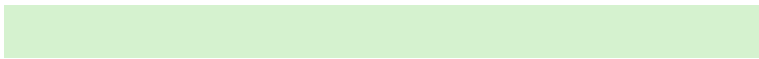
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8359, 0.3262, 0.3658



94.8029, 0.3286, 0.3728



82.1365, 0.3147, 0.3671



18.1718, 0.3215, 0.3527



38.1510, 0.3602, 0.5522



3.2286, 0.3681, 0.5460

Inverse Universe

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



66.1083, 0.2978, 0.2914



70.3860, 0.2948, 0.2841



68.9073, 0.3101, 0.2928



15.4924, 0.3033, 0.3050



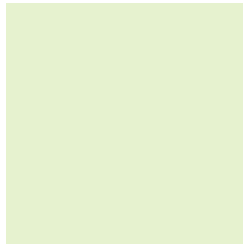
4.5008, 0.1759, 0.0743



0.4275, 0.1903, 0.0822

Previews

White Background



This preview shows how the Yxy color 84.8322, 0.3262, 0.3658 looks on a white background.

Color Contrast Check

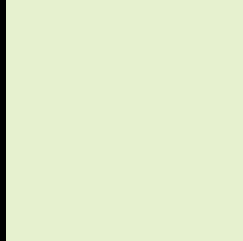
Large Text (above 18pt) WCAG AA × Fail

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 84.8322, 0.3262, 0.3658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

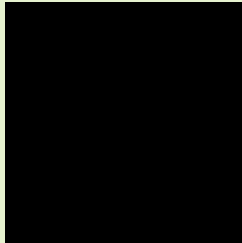
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

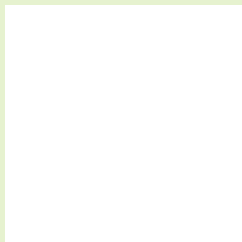
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.8322, 0.3262, 0.3658

Background



This preview shows how black text looks on a background with the Yxy color 84.8322, 0.3262, 0.3658.

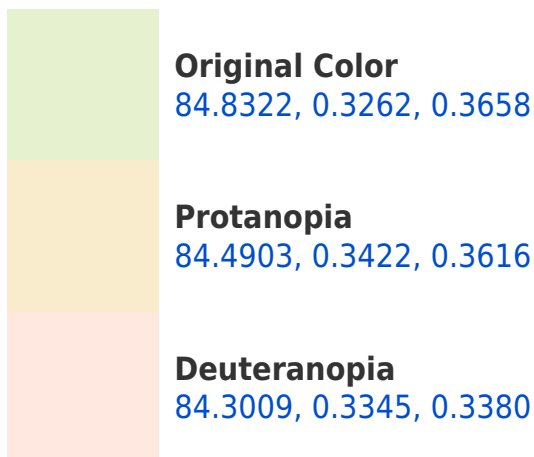


This preview shows how white text looks on a background with the Yxy color 84.8322, 0.3262, 0.3658.

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

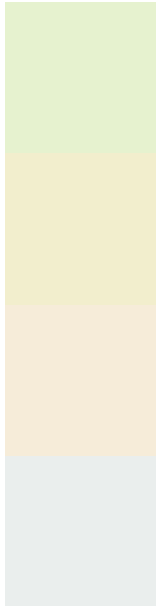




Tritanopia

84.5769, 0.3025, 0.3100

Trichromacy



Original Color

84.8322, 0.3262, 0.3658

Protanomaly

84.4341, 0.3363, 0.3630

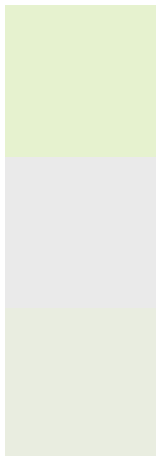
Deuteranomaly

84.5935, 0.3316, 0.3483

Tritanomaly

84.7559, 0.3107, 0.3300

Monochromacy



Original Color

84.8322, 0.3262, 0.3658

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.2738, 0.3181, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.8322, 0.3262, 0.3658 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, 242, 207)` looks like.

```
.text, #text, p{  
    color:rgb(230, 242, 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, 242, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 242, 207) }
```

Border

The CSS property to change the border of an element to Yxy 84.8322, 0.3262, 0.3658 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, 242, 207) }
```

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

```
.border{ border-color:rgb(230, 242, 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, 242, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 242, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 242, 207);  
box-shadow:4px 4px 4px 4px rgb(230, 242,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 84.8322, 0.3262, 0.3658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 242, 207) }
```

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

```
.background{ background-color: rgb(230,  
242, 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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