

Converting Colors

Yxy(84.4021, 0.3198, 0.3530)

Have a look what the booklet for
Yxy(84.4021, 0.3198, 0.3530)
contains.

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Color

Yxy(84.1529, 0.3202, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	E6F0D9
RGB	230, 240, 217
RGB Percent	90%, 94%, 85%
CMY	0.0981, 0.0588, 0.1490
CMYK	0.04, 0.00, 0.10, 0.06
HSL	86°, 43%, 90%
HSV	86°, 10%, 94%
XYZ	76.3120, 84.1529, 77.8611
YIQ	234.3880, 1.4230, -9.2730

Conversions

Conversions Part 2

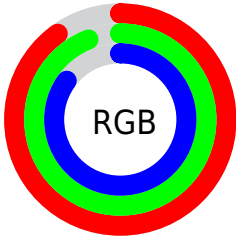
Format	Color
R _Y B	217, 240, 227
Decimal	15134937
CIE Lab	93.52, -7.34, 9.97
CIE LCh	94, 12.383, 126.345
Yxy	84.1529, 0.3202, 0.3531
Android (android.graphics.Color)	4293325017 (0xFFE6F0D9)
YUV	234.3880, -8.5723, -3.8483
Hunter-Lab	91.7349, -12.0463, 13.8913

Details

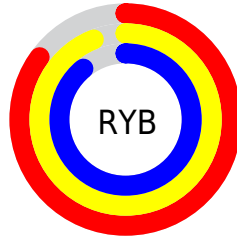
The Yxy color **84.1529, 0.3202, 0.3531** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.2492, 0.3047, 0.3048**, and the grayscale version is **82.6539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.8883, 0.3215, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **81.3183, 0.3280, 0.3801**, and if you desaturate by 10%, it is **87.2802, 0.3124, 0.3280**.

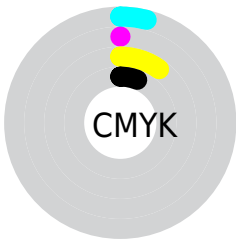
Distribution



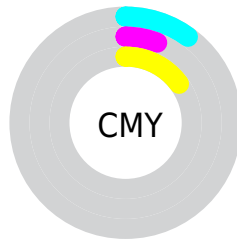
- Red (90%)
- Green (94%)
- Blue (85%)



- Red (85%)
- Yellow (94%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)



- Cyan (10%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.1529, 0.3202, 0.3531 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 84.1529, 0.3202, 0.3531 by changing the saturation by 10% instead.

84.1529, 0.3202,
0.3531

84.1529, 0.3202,
0.3531

508.8208, 0.3169,
0.3421

63.1417, 0.3209,
0.3556

139.1890, 0.3191,
0.3493

45.9558, 0.3218,
0.3586

173.9828, 0.3186,
0.3478

32.2110, 0.3229,
0.3625

214.1394, 0.3183,
0.3465

21.5227, 0.3242,
0.3675

260.0434, 0.3179,
0.3454

13.5066, 0.3260,
0.3742

312.0792, 0.3176,
0.3444

7.7783, 0.3284,
0.3838

370.6311, 0.3174,

3.9534, 0.3318,

0.3436

0.3984

436.0835, 0.3171,
0.3428

■ 1.6475, 0.3369,
0.4236

■ 0.3893, 0.3290,
0.6710

■ 84.1529, 0.3202,
0.3531

■ 84.1529, 0.3202,
0.3531

■ 81.3183, 0.3280,
0.3801

■ 87.2802, 0.3124,
0.3280

■ 78.7560, 0.3354,
0.4087

■ 90.0378, 0.3107,
0.3145

■ 76.4593, 0.3421,
0.4380

■ 90.8072, 0.3134,
0.3146

■ 74.4173, 0.3476,
0.4670

■ 72.6180, 0.3515,
0.4946

■ 71.0484, 0.3533,
0.5191

■ 69.6937, 0.3527,
0.5393

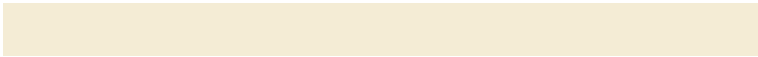
■ 68.5367, 0.3498,
0.5543

■ 67.5511, 0.3449,
0.5642

Harmonies

Analogous

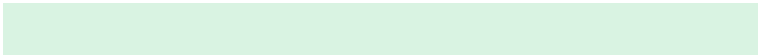
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.1529, 0.3327, 0.3531



84.1529, 0.3202, 0.3531



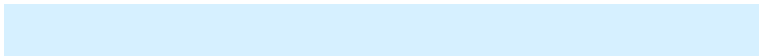
84.1529, 0.3059, 0.3462

Triad

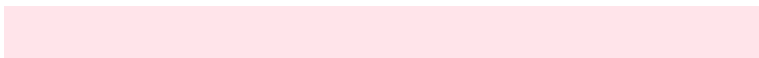
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.1529, 0.3202, 0.3531



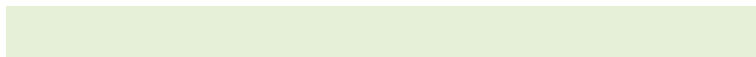
84.1529, 0.2861, 0.3108



84.1529, 0.3321, 0.3234

Complementary

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



84.1529, 0.3202, 0.3531



72.2492, 0.3047, 0.3048

Split Complementary

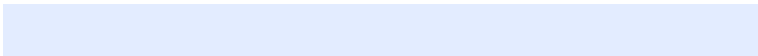
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.1529, 0.3192, 0.3127



84.1529, 0.3202, 0.3531



84.1529, 0.2928, 0.3054

Square

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



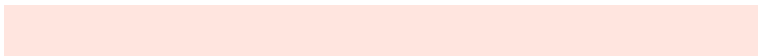
84.1529, 0.3202, 0.3531



84.1529, 0.2864, 0.3213



84.1529, 0.3048, 0.3062



84.1529, 0.3397, 0.3357

Rectangle

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



84.1529, 0.3202, 0.3531



84.1529, 0.2972, 0.3386



84.1529, 0.3048, 0.3062



84.1529, 0.3282, 0.3195

Sweetspot

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



84.1565, 0.3202, 0.3531



98.8902, 0.3151, 0.3364



78.4576, 0.3284, 0.3394



21.1042, 0.3157, 0.3384



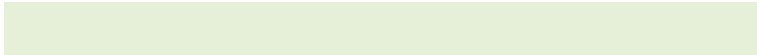
0.0000, 0.0000, 0.0000



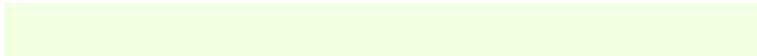
21.4041, 0.3127, 0.3290

Same Dimension

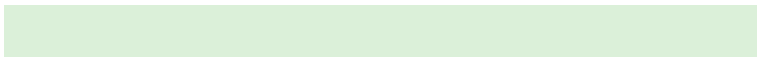
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1565, 0.3202, 0.3531



95.7416, 0.3221, 0.3596



82.3236, 0.3126, 0.3537



18.0963, 0.3201, 0.3528



37.0338, 0.3458, 0.5636



3.1396, 0.3551, 0.5563

Inverse Universe

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



72.2492, 0.3047, 0.3048



78.8778, 0.3024, 0.2982



74.1743, 0.3127, 0.3054



15.5656, 0.3048, 0.3051



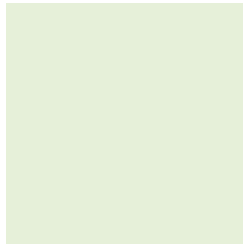
5.1497, 0.1905, 0.0823



0.4862, 0.2051, 0.0904

Previews

White Background



This preview shows how the Yxy color 84.1529, 0.3202, 0.3531 looks on a white background.

Color Contrast Check

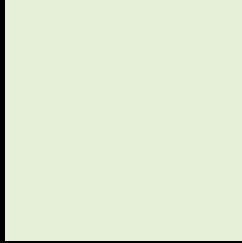
Large Text (above 18pt) WCAG AA × Fail

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 84.1529, 0.3202, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

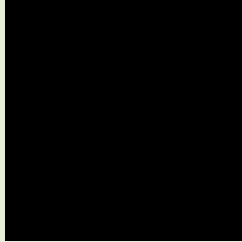
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

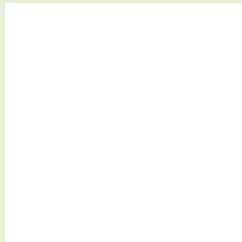
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.1529, 0.3202, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 84.1529, 0.3202, 0.3531.

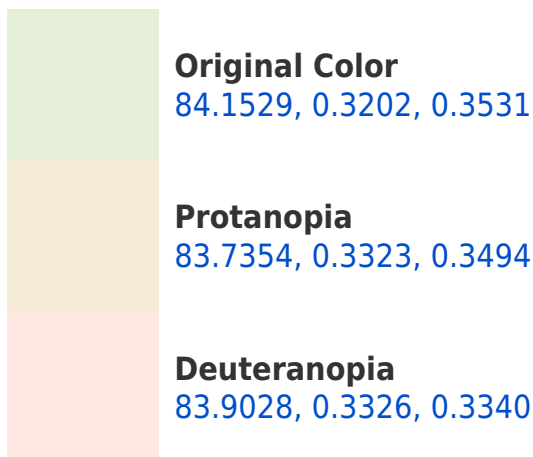


This preview shows how white text looks on a background with the Yxy color 84.1529, 0.3202, 0.3531.

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

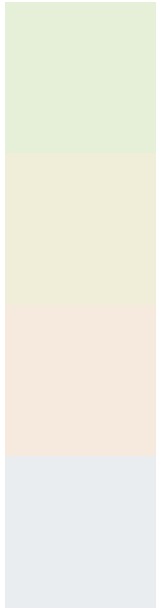




Tritanopia

84.1707, 0.3018, 0.3109

Trichromacy



Original Color

84.1529, 0.3202, 0.3531

Protanomaly

84.0515, 0.3280, 0.3506

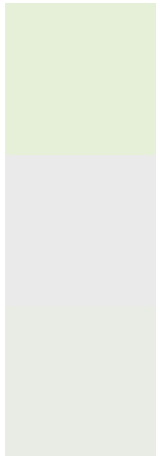
Deuteranomaly

83.7662, 0.3279, 0.3402

Tritanomaly

84.1833, 0.3082, 0.3259

Monochromacy



Original Color

84.1529, 0.3202, 0.3531

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.9160, 0.3157, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.1529, 0.3202, 0.3531 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, 240, 217)` looks like.

```
.text, #text, p{  
    color:rgb(230, 240, 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(230, 240, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 240, 217) }
```

Border

The CSS property to change the border of an element to Yxy 84.1529, 0.3202, 0.3531 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, 240, 217) }
```

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

```
.border{ border-color:rgb(230, 240, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 240, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 240, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 240, 217);  
box-shadow:4px 4px 4px 4px rgb(230, 240,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 84.1529, 0.3202, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 240, 217) }
```

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

```
.background{ background-color: rgb(230,  
240, 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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