

Converting Colors

Yxy(84.1083, 0.3158, 0.3544)

Have a look what the booklet for
Yxy(84.1083, 0.3158, 0.3544)
contains.

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Color

Yxy(84.3613, 0.3161, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	E0F2D9
RGB	224, 242, 217
RGB Percent	88%, 95%, 85%
CMY	0.1213, 0.0510, 0.1490
CMYK	0.07, 0.00, 0.10, 0.05
HSL	103°, 49%, 90%
HSV	103°, 10%, 95%
XYZ	75.0327, 84.3613, 77.9760
YIQ	233.7680, -2.7030, -11.5910

Conversions

Conversions Part 2

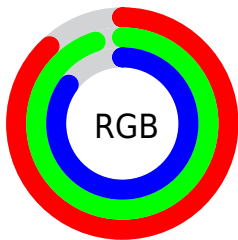
Format	Color
R _Y B	217, 242, 235
Decimal	14742233
CIE Lab	93.61, -10.34, 10.04
CIE LCh	94, 14.414, 135.837
Yxy	84.3613, 0.3161, 0.3554
Android (android.graphics.Color)	4292932313 (0xFFE0F2D9)
YUV	233.7680, -8.2666, -8.5665
Hunter-Lab	91.8484, -14.9148, 13.9588

Details

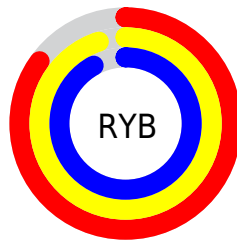
The Yxy color **84.3613, 0.3161, 0.3554** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.6871, 0.3089, 0.3032**, and the grayscale version is **82.1700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1615, 0.3170, 0.3619** is the 20% darker color. If you saturate the color by 10%, you get **80.5622, 0.3192, 0.3838**, and if you desaturate by 10%, it is **88.6354, 0.3128, 0.3298**.

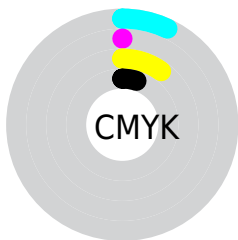
Distribution



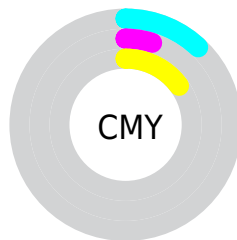
- Red (88%)
- Green (95%)
- Blue (85%)



- Red (85%)
- Yellow (95%)
- Blue (92%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)



- Cyan (12%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.3613, 0.3161, 0.3554 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 84.3613, 0.3161, 0.3554 by changing the saturation by 10% instead.

84.3613, 0.3161,
0.3554

84.3613, 0.3161,
0.3554

509.5122, 0.3147,
0.3433

63.3138, 0.3164,
0.3581

139.4805, 0.3156,
0.3512

46.0951, 0.3167,
0.3615

174.3209, 0.3154,
0.3496

32.3209, 0.3172,
0.3658

214.5278, 0.3153,
0.3482

21.6067, 0.3177,
0.3713

260.4854, 0.3151,
0.3470

13.5682, 0.3183,
0.3788

312.5783, 0.3150,
0.3459

7.8210, 0.3190,
0.3895

371.1908, 0.3149,

3.9806, 0.3199,

0.3449

0.4059

436.7073, 0.3148,
0.3441

■ 1.6627, 0.3205,
0.4344

■ 0.3993, 0.2415,
0.7585

■ 84.3613, 0.3161,
0.3554

■ 84.3613, 0.3161,
0.3554

■ 80.5622, 0.3192,
0.3838

■ 88.6354, 0.3128,
0.3298

■ 77.2109, 0.3219,
0.4146

■ 91.9767, 0.3133,
0.3165

■ 74.2934, 0.3239,
0.4471

■ 71.7911, 0.3250,
0.4801

■ 69.6840, 0.3249,
0.5120

■ 67.9502, 0.3234,
0.5407

■ 66.5653, 0.3205,
0.5641

■ 65.5017, 0.3163,
0.5808

■ 64.7409, 0.3117,
0.5907

Harmonies

Analogous

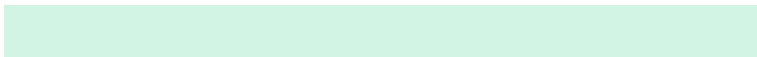
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3613, 0.3318, 0.3580



84.3613, 0.3161, 0.3554



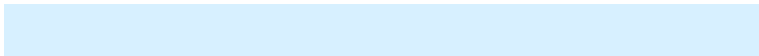
84.3613, 0.2998, 0.3451

Triad

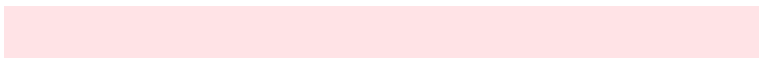
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3613, 0.3161, 0.3554



84.3613, 0.2835, 0.3051



84.3613, 0.3389, 0.3269

Complementary

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



84.3613, 0.3161, 0.3554



73.6871, 0.3089, 0.3032

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.



84.3613, 0.3254, 0.3136



84.3613, 0.3161, 0.3554



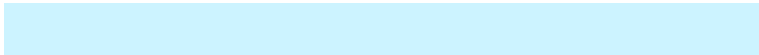
84.3613, 0.2934, 0.3011

Square

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



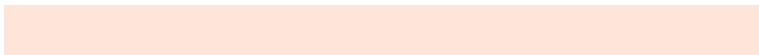
84.3613, 0.3161, 0.3554



84.3613, 0.2812, 0.3156



84.3613, 0.3087, 0.3043



84.3613, 0.3453, 0.3411

Rectangle

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



84.3613, 0.3161, 0.3554



84.3613, 0.2907, 0.3355



84.3613, 0.3087, 0.3043



84.3613, 0.3350, 0.3222

Sweetspot

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



84.3649, 0.3161, 0.3554



98.4912, 0.3137, 0.3364



83.2495, 0.3289, 0.3474



20.9966, 0.3140, 0.3384



0.0000, 0.0000, 0.0000



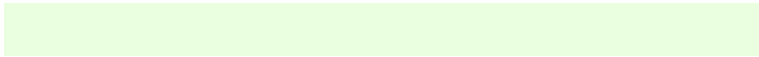
21.4041, 0.3127, 0.3290

Same Dimension

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



84.3649, 0.3161, 0.3554



94.2560, 0.3166, 0.3601



83.5454, 0.3082, 0.3499



17.8727, 0.3158, 0.3531



34.8428, 0.3127, 0.5899



2.9470, 0.3222, 0.5824

Inverse Universe

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



73.6871, 0.3089, 0.3032



80.4024, 0.3082, 0.2988



74.5925, 0.3175, 0.3090



15.7938, 0.3093, 0.3054



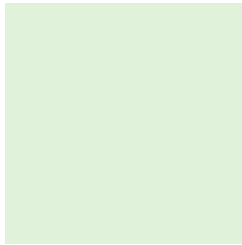
8.3243, 0.2504, 0.1153



0.7424, 0.2600, 0.1206

Previews

White Background



This preview shows how the Yxy color 84.3613, 0.3161, 0.3554 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 84.3613, 0.3161, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

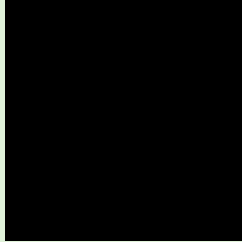
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

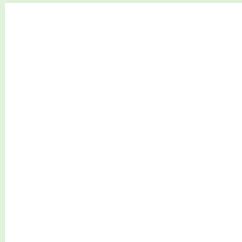
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.3613, 0.3161, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 84.3613, 0.3161, 0.3554.

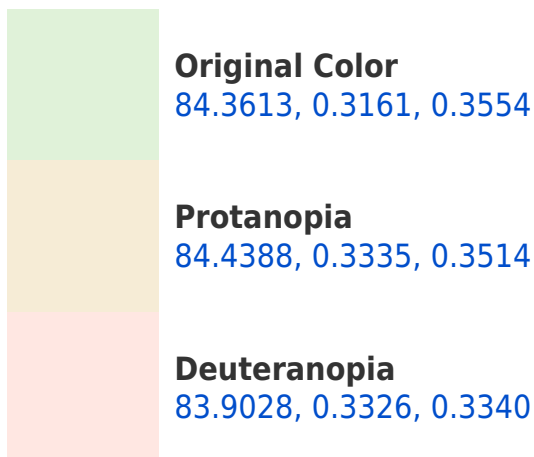


This preview shows how white text looks on a background with the Yxy color 84.3613, 0.3161, 0.3554.

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

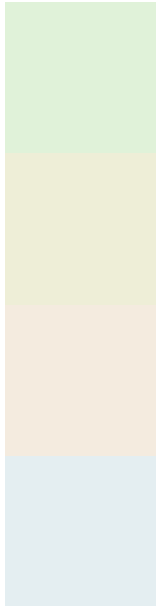




Tritanopia

84.0339, 0.2974, 0.3098

Trichromacy



Original Color

84.3613, 0.3161, 0.3554

Protanomaly

84.2325, 0.3271, 0.3528

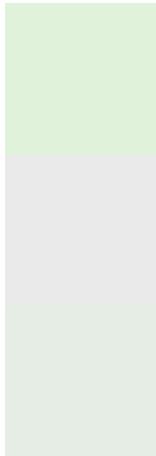
Deuteranomaly

83.9775, 0.3264, 0.3412

Tritanomaly

83.9939, 0.3044, 0.3259

Monochromacy



Original Color

84.3613, 0.3161, 0.3554

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.9928, 0.3136, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.3613, 0.3161, 0.3554 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, 242, 217)` looks like.

```
.text, #text, p{  
    color:rgb(224, 242, 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, 242, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 242, 217) }
```

Border

The CSS property to change the border of an element to Yxy 84.3613, 0.3161, 0.3554 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, 242, 217) }
```

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

```
.border{ border-color:rgb(224, 242, 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, 242, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 242, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 242, 217);  
box-shadow:4px 4px 4px 4px rgb(224, 242,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 84.3613, 0.3161, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 242, 217) }
```

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

```
.background{ background-color: rgb(224,  
242, 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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