

Converting Colors

$Yxy(77.3977, 0.3115, 0.3543)$

Have a look what the booklet for
Yxy(77.3977, 0.3115, 0.3543)
contains.

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Color

Yxy(77.3977, 0.3115, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	D3EAD3
RGB	211, 234, 211
RGB Percent	83%, 92%, 83%
CMY	0.1726, 0.0823, 0.1724
CMYK	0.10, 0.00, 0.10, 0.08
HSL	120°, 35%, 87%
HSV	120°, 10%, 92%
XYZ	68.0479, 77.3977, 73.0068
YIQ	224.5010, -6.3250, -12.0290

Conversions

Conversions Part 2

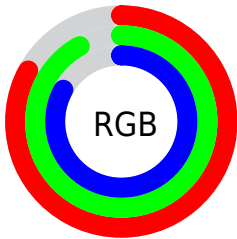
Format	Color
R _Y B	211, 234, 234
Decimal	13888211
CIE Lab	90.50, -11.77, 8.58
CIE LCh	91, 14.567, 143.927
Yxy	77.3977, 0.3115, 0.3543
Android (android.graphics.Color)	4292078291 (0xFFD3EAD3)
YUV	224.5010, -6.6560, -11.8404
Hunter-Lab	87.9760, -15.8912, 12.3814

Details

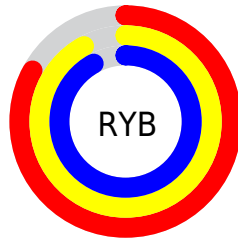
The Yxy color **77.3977, 0.3115, 0.3543** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.0186, 0.3139, 0.3049**, and the grayscale version is **74.9737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.3090, 0.3112, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **73.1048, 0.3101, 0.3835**, and if you desaturate by 10%, it is **82.3705, 0.3127, 0.3286**.

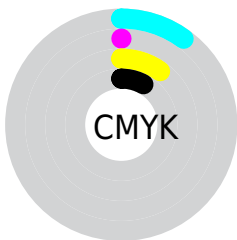
Distribution



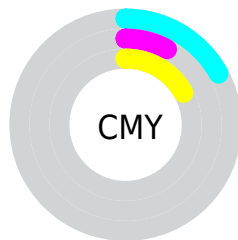
- Red (83%)
- Green (92%)
- Blue (83%)



- Red (83%)
- Yellow (92%)
- Blue (92%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)



- Cyan (17%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3977, 0.3115, 0.3543 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 77.3977, 0.3115, 0.3543 by changing the saturation by 10% instead.

■ 77.3977, 0.3115,
0.3543

■ 77.3977, 0.3115,
0.3543

486.1189, 0.3122,
0.3425

■ 57.5793, 0.3113,
0.3570

129.7007, 0.3117,
0.3502

■ 41.4706, 0.3111,
0.3604

162.9542, 0.3118,
0.3486

■ 28.6870, 0.3108,
0.3647

201.4548, 0.3119,
0.3472

■ 18.8441, 0.3104,
0.3703

245.5869, 0.3120,
0.3460

■ 11.5577, 0.3097,
0.3781

295.7350, 0.3120,
0.3450

■ 6.4433, 0.3086,
0.3894

352.2835, 0.3121,

■ 3.1164, 0.3067,

0.3441

0.4075

415.6166, 0.3121,
0.3433

■ 1.1928, 0.3055,
0.4455

■ 0.0558, 0.0000,
1.0000

■ 77.3977, 0.3115,
0.3543

■ 77.3977, 0.3115,
0.3543

■ 73.1048, 0.3101,
0.3835


■ 82.3705, 0.3127,
0.3286

■ 69.4530, 0.3085,
0.4161


■ 87.3272, 0.3137,
0.3088


■ 66.4144, 0.3069,
0.4511


■ 63.9556, 0.3052,
0.4872

 62.0395, 0.3035,
0.5221

 60.6253, 0.3021,
0.5529

 59.6659, 0.3010,
0.5769

 59.1056, 0.3003,
0.5924

 58.8516, 0.3000,
0.5998

Harmonies

Analogous

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



77.3977, 0.3285, 0.3593



77.3977, 0.3115, 0.3543



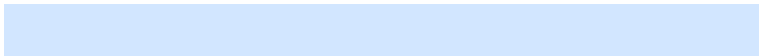
77.3977, 0.2952, 0.3419

Triad

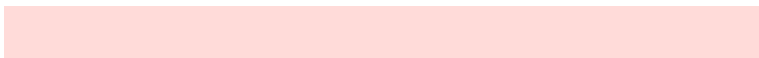
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3977, 0.3115, 0.3543



77.3977, 0.2844, 0.3023



77.3977, 0.3426, 0.3308

Complementary

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



77.3977, 0.3115, 0.3543



70.0186, 0.3139, 0.3049

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.



77.3977, 0.3302, 0.3165



77.3977, 0.3115, 0.3543



77.3977, 0.2965, 0.3002

Square

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



77.3977, 0.3115, 0.3543



77.3977, 0.2798, 0.3115



77.3977, 0.3132, 0.3054



77.3977, 0.3468, 0.3452

Rectangle

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



77.3977, 0.3115, 0.3543



77.3977, 0.2867, 0.3314



77.3977, 0.3132, 0.3054



77.3977, 0.3392, 0.3259

Sweetspot

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



77.4010, 0.3115, 0.3543



98.0958, 0.3124, 0.3364



81.0431, 0.3273, 0.3532



20.8904, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



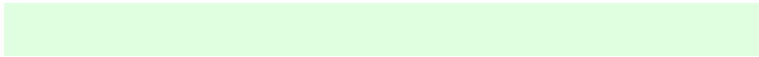
21.4041, 0.3127, 0.3290

Same Dimension

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



77.4010, 0.3115, 0.3543



92.8380, 0.3112, 0.3605



77.9966, 0.3045, 0.3415



16.8626, 0.3115, 0.3533



33.0688, 0.3000, 0.5999



2.5969, 0.2999, 0.5995

Inverse Universe

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



70.0186, 0.3139, 0.3049



82.0029, 0.3141, 0.2994



69.3812, 0.3218, 0.3168



15.3133, 0.3138, 0.3058



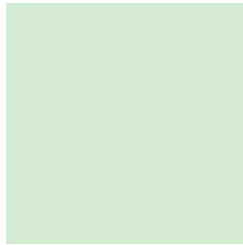
13.1541, 0.3214, 0.1544



1.0331, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 77.3977, 0.3115, 0.3543 looks on a white background.

Color Contrast Check

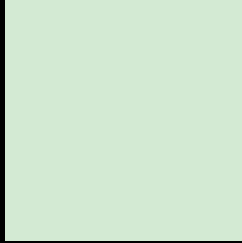
Large Text (above 18pt) WCAG AA × Fail

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 77.3977, 0.3115, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

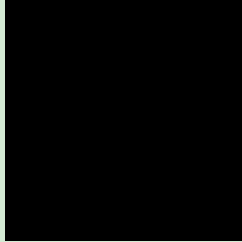
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

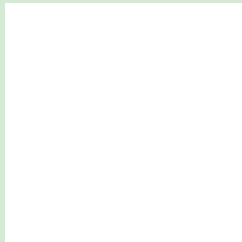
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3977, 0.3115, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 77.3977, 0.3115, 0.3543.

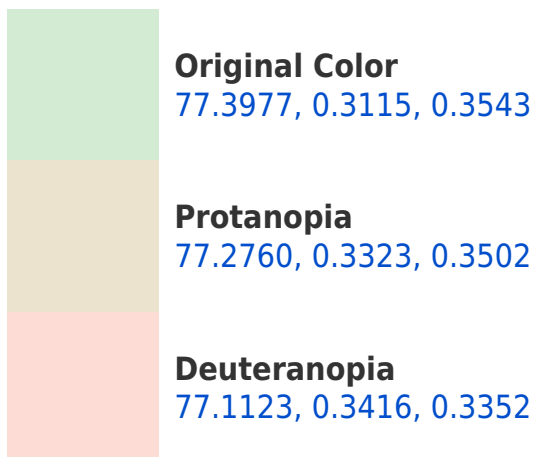


This preview shows how white text looks on a background with the Yxy color 77.3977, 0.3115, 0.3543.

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

77.5057, 0.2937, 0.3100

Trichromacy



Original Color

77.3977, 0.3115, 0.3543

Protanomaly

77.4786, 0.3248, 0.3526

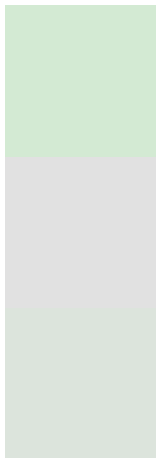
Deuteranomaly

76.8317, 0.3299, 0.3416

Tritanomaly

77.5394, 0.3002, 0.3257

Monochromacy



Original Color

77.3977, 0.3115, 0.3543

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.8698, 0.3123, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3977, 0.3115, 0.3543 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(211, 234, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 234, 211)  
}
```

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(211, 234, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 234, 211) }
```

Border

The CSS property to change the border of an element to Yxy 77.3977, 0.3115, 0.3543 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(211, 234, 211) }
```

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

```
.border{ border-color:rgb(211, 234, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 234, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 234, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 234, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 234,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3977, 0.3115, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 234, 211) }
```

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

```
.background{ background-color: rgb(211,  
234, 211) }
```

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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