

Converting Colors

$Yxy(77.0541, 0.3108, 0.3556)$

Have a look what the booklet for
Yxy(77.0541, 0.3108, 0.3556)
contains.

Yxy(77.0541, 0.3108, 0.3556)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(77.0541, 0.3108, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	D1EAD2
RGB	209, 234, 210
RGB Percent	82%, 92%, 82%
CMY	0.1804, 0.0823, 0.1765
CMYK	0.11, 0.00, 0.10, 0.08
HSL	122°, 37%, 87%
HSV	122°, 11%, 92%
XYZ	67.3465, 77.0541, 72.2870
YIQ	223.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

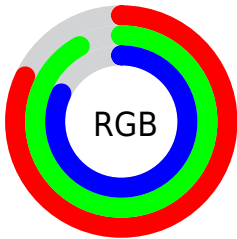
Format	Color
R _Y B	209, 233, 234
Decimal	13757138
CIE Lab	90.35, -12.64, 8.88
CIE LCh	90, 15.445, 144.895
Yxy	77.0541, 0.3108, 0.3556
Android (android.graphics.Color)	4291947218 (0xFFD1EAD2)
YUV	223.7890, -6.7980, -12.9700
Hunter-Lab	87.7805, -16.6679, 12.6212

Details

The Yxy color **77.0541, 0.3108, 0.3556** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.9742, 0.3146, 0.3038**, and the grayscale version is **74.4362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1111, 0.3095, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **72.8489, 0.3089, 0.3840**, and if you desaturate by 10%, it is **81.9245, 0.3126, 0.3306**.

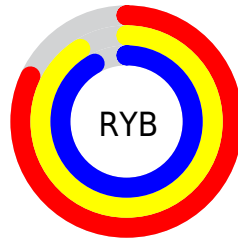
Distribution



Red (82%)

Green (92%)

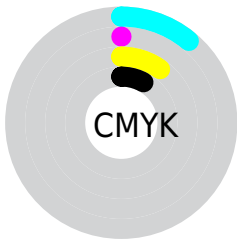
Blue (82%)



Red (82%)

Yellow (91%)

Blue (92%)

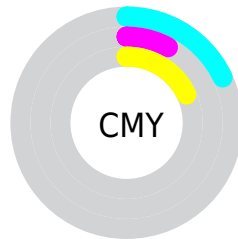


Cyan (11%)

Magenta (0%)

Yellow (10%)

Black (8%)



Cyan (18%)


Magenta (8%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.0541, 0.3108, 0.3556 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 77.0541, 0.3108, 0.3556 by changing the saturation by 10% instead.


 77.0541, 0.3108,
0.3556

 77.0541, 0.3108,
0.3556


484.9485, 0.3118,
0.3432

 57.2973, 0.3105,
0.3585


129.2158, 0.3112,
0.3513

 41.2440, 0.3102,
0.3620


162.3896, 0.3113,
0.3496

 28.5098, 0.3098,
0.3666


200.8044, 0.3114,
0.3481

 18.7103, 0.3092,
0.3725

244.8446, 0.3115,
0.3469

 11.4611, 0.3083,
0.3808

294.8948, 0.3116,
0.3458

 6.3779, 0.3069,
0.3928

351.3392, 0.3117,

 3.0762, 0.3043,

0.3448

0.4120

414.5623, 0.3117,
0.3440

■ 1.1716, 0.3026,
0.4545

■ 0.0384, 0.0000,
1.0000

■ 77.0541, 0.3108,
0.3556

■ 77.0541, 0.3108,
0.3556

■ 72.8489, 0.3089,
0.3840

■ 81.9245, 0.3126,
0.3306

■ 69.2706, 0.3069,
0.4155

■ 87.3260, 0.3137,
0.3088

■ 66.2922, 0.3048,
0.4494

■ 87.3309, 0.3137,
0.3088

■ 63.8809, 0.3029,
0.4845

■ 62.0007, 0.3013,
0.5186

■ 60.6115, 0.3001,
0.5491

■ 59.6674, 0.2995,
0.5736

■ 59.1140, 0.2994,
0.5901

■ 58.8714, 0.2995,
0.5981

Harmonies

Analogous

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



77.0541, 0.3289, 0.3612



77.0541, 0.3108, 0.3556



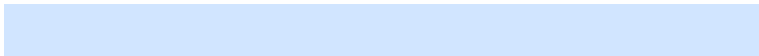
77.0541, 0.2936, 0.3422

Triad

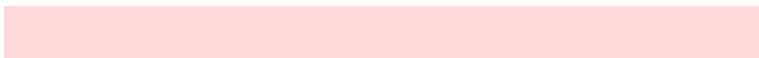
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.0541, 0.3108, 0.3556



77.0541, 0.2830, 0.3004



77.0541, 0.3448, 0.3314

Complementary

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



77.0541, 0.3108, 0.3556



68.9742, 0.3146, 0.3038

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.



77.0541, 0.3318, 0.3162



77.0541, 0.3108, 0.3556



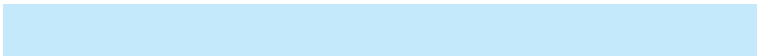
77.0541, 0.2960, 0.2986

Square

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



77.0541, 0.3108, 0.3556



77.0541, 0.2778, 0.3100



77.0541, 0.3138, 0.3043



77.0541, 0.3489, 0.3465

Rectangle

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



77.0541, 0.3108, 0.3556



77.0541, 0.2848, 0.3309



77.0541, 0.3138, 0.3043



77.0541, 0.3413, 0.3262

Sweetspot

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



77.0574, 0.3108, 0.3556



98.1138, 0.3122, 0.3361



80.8071, 0.3281, 0.3554



20.8952, 0.3121, 0.3381



0.0000, 0.0000, 0.0000



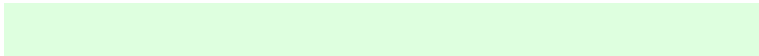
21.4041, 0.3127, 0.3290

Same Dimension

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



77.0574, 0.3108, 0.3556



92.3629, 0.3104, 0.3620



77.6967, 0.3033, 0.3418



16.8719, 0.3110, 0.3524



33.0839, 0.2993, 0.5974



2.6013, 0.2973, 0.5904

Inverse Universe

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



68.9742, 0.3146, 0.3038



80.5581, 0.3151, 0.2981



68.2930, 0.3233, 0.3166



15.3028, 0.3144, 0.3067



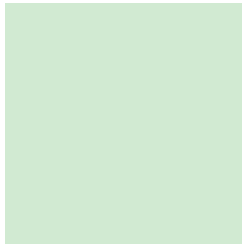
12.8793, 0.3311, 0.1598



1.0146, 0.3296, 0.1589

Previews

White Background



This preview shows how the Yxy color 77.0541, 0.3108, 0.3556 looks on a white background.

Color Contrast Check

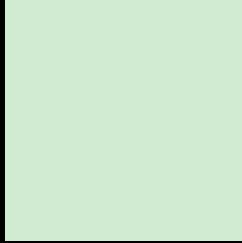
Large Text (above 18pt) WCAG AA × Fail

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 77.0541, 0.3108, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

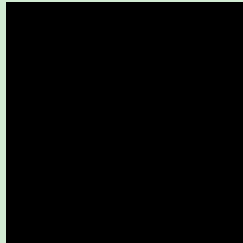
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

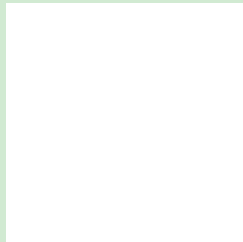
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.0541, 0.3108, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 77.0541, 0.3108, 0.3556.

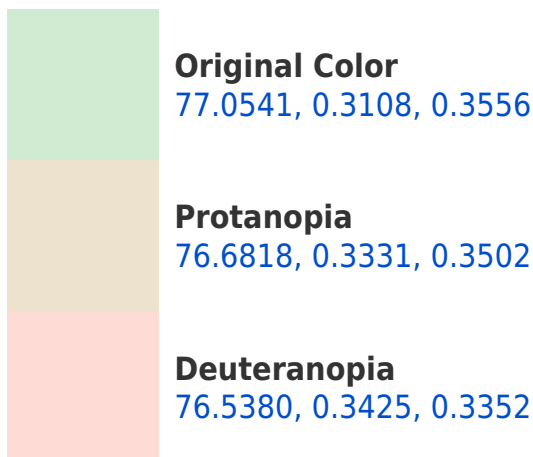


This preview shows how white text looks on a background with the Yxy color 77.0541, 0.3108, 0.3556.

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

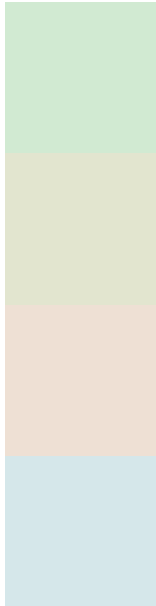




Tritanopia

77.2011, 0.2924, 0.3099

Trichromacy



Original Color

77.0541, 0.3108, 0.3556

Protanomaly

76.7124, 0.3248, 0.3527

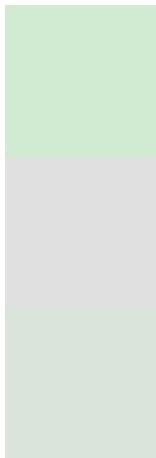
Deuteranomaly

76.2419, 0.3307, 0.3417

Tritanomaly

77.2385, 0.2989, 0.3257

Monochromacy



Original Color

77.0541, 0.3108, 0.3556

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.6613, 0.3123, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0541, 0.3108, 0.3556 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(209, 234, 210)` looks like.

```
.text, #text, p{  
    color:rgb(209, 234, 210)  
}
```

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(209, 234, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 234, 210) }
```

Border

The CSS property to change the border of an element to Yxy 77.0541, 0.3108, 0.3556 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(209, 234, 210) }
```

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

```
.border{ border-color:rgb(209, 234, 210) }
```

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

Here you see how a box with a 4 pixel rgb(209, 234, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 234, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 234, 210);  
box-shadow:4px 4px 4px 4px rgb(209, 234,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0541, 0.3108, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 234, 210) }
```

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

```
.background{ background-color: rgb(209,  
234, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor