

Converting Colors

$Yxy(77.3931, 0.3066, 0.3484)$

Have a look what the booklet for
Yxy(77.3931, 0.3066, 0.3484)
contains.

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Color

Yxy(77.3588, 0.3071, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	D1EAD8
RGB	209, 234, 216
RGB Percent	82%, 92%, 85%
CMY	0.1804, 0.0823, 0.1529
CMYK	0.11, 0.00, 0.08, 0.08
HSL	137°, 37%, 87%
HSV	137°, 11%, 92%
XYZ	68.1103, 77.3588, 76.3164
YIQ	224.4730, -9.1220, -10.8980

Conversions

Conversions Part 2

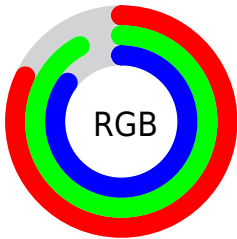
Format	Color
R _Y B	209, 229, 234
Decimal	13757144
CIE Lab	90.49, -11.56, 5.94
CIE LCh	90, 12.997, 152.804
Yxy	77.3588, 0.3071, 0.3488
Android (android.graphics.Color)	4291947224 (0xFFD1EAD8)
YUV	224.4730, -4.1772, -13.5698
Hunter-Lab	87.9539, -15.6911, 10.1225

Details

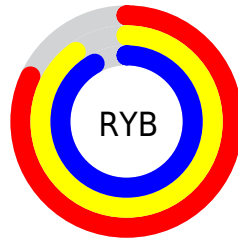
The Yxy color **77.3588, 0.3071, 0.3488** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.6335, 0.3188, 0.3100**, and the grayscale version is **74.9336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.2840, 0.3056, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **73.3696, 0.3019, 0.3698**, and if you desaturate by 10%, it is **81.9451, 0.3124, 0.3302**.

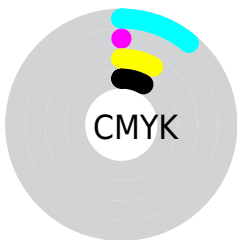
Distribution



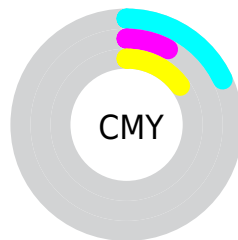
- Red (82%)
- Green (92%)
- Blue (85%)



- Red (82%)
- Yellow (90%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (18%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3588, 0.3071, 0.3488 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 77.3588, 0.3071, 0.3488 by changing the saturation by 10% instead.

■ 77.3588, 0.3071,
0.3488

■ 77.3588, 0.3071,
0.3488

485.9865, 0.3097,
0.3396

■ 57.5474, 0.3065,
0.3509

129.6458, 0.3080,
0.3456

■ 41.4449, 0.3057,
0.3535

162.8903, 0.3084,
0.3444

■ 28.6669, 0.3047,
0.3569

201.3812, 0.3087,
0.3433

■ 18.8290, 0.3035,
0.3612

245.5029, 0.3090,
0.3424

■ 11.5468, 0.3017,
0.3673

295.6400, 0.3092,
0.3415

■ 6.4359, 0.2990,
0.3760

352.1766, 0.3094,

■ 3.1119, 0.2948,

0.3408

0.3899

415.4973, 0.3096,
0.3402

■ 1.1904, 0.2871,
0.4162

■ 0.0539, 0.0000,
1.0000

■ 77.3588, 0.3071,
0.3488

■ 77.3588, 0.3071,
0.3488

■ 73.3696, 0.3019,
0.3698

■ 81.9451, 0.3124,
0.3302

■ 69.9431, 0.2970,
0.3930

■ 86.9915, 0.3170,
0.3138

■ 67.0564, 0.2925,
0.4184

■ 87.3300, 0.3137,
0.3088

■ 64.6813, 0.2889,
0.4454

■ 62.7869, 0.2863,
0.4732

■ 61.3388, 0.2852,
0.5007

■ 60.2979, 0.2857,
0.5264

■ 59.6180, 0.2878,
0.5490

■ 59.2401, 0.2907,
0.5664

Harmonies

Analogous

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



77.3588, 0.3225, 0.3555



77.3588, 0.3071, 0.3488



77.3588, 0.2934, 0.3364

Triad

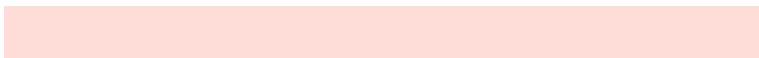
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3588, 0.3071, 0.3488



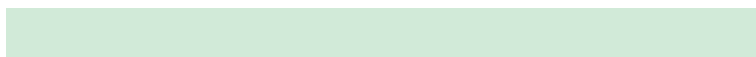
77.3588, 0.2900, 0.3039



77.3588, 0.3413, 0.3346

Complementary

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



77.3588, 0.3071, 0.3488



68.6335, 0.3188, 0.3100

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.



77.3588, 0.3322, 0.3214



77.3588, 0.3071, 0.3488



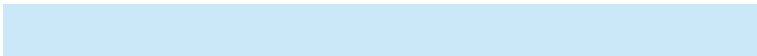
77.3588, 0.3024, 0.3040

Square

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



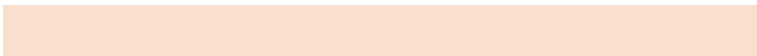
77.3588, 0.3071, 0.3488



77.3588, 0.2837, 0.3104



77.3588, 0.3178, 0.3104



77.3588, 0.3426, 0.3468

Rectangle

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



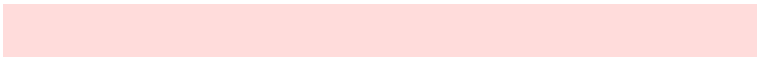
77.3588, 0.3071, 0.3488



77.3588, 0.2870, 0.3269



77.3588, 0.3178, 0.3104



77.3588, 0.3391, 0.3302

Sweetspot

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



77.3621, 0.3071, 0.3488



98.2286, 0.3111, 0.3343



79.8383, 0.3240, 0.3557



20.9261, 0.3107, 0.3358



0.0000, 0.0000, 0.0000



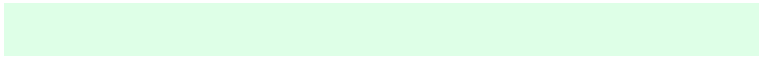
21.4041, 0.3127, 0.3290

Same Dimension

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



77.3621, 0.3071, 0.3488



92.8045, 0.3059, 0.3536



78.0143, 0.2998, 0.3353



16.9317, 0.3077, 0.3464



33.3058, 0.2899, 0.5638



2.6312, 0.2824, 0.5365

Inverse Universe

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



68.6335, 0.3188, 0.3100



80.0577, 0.3203, 0.3056



67.9858, 0.3275, 0.3228



15.2374, 0.3181, 0.3122



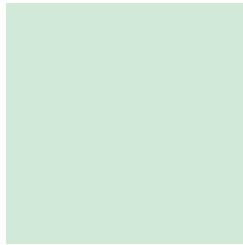
11.4469, 0.4073, 0.2017



0.9151, 0.3926, 0.1936

Previews

White Background



This preview shows how the Yxy color 77.3588, 0.3071, 0.3488 looks on a white background.

Color Contrast Check

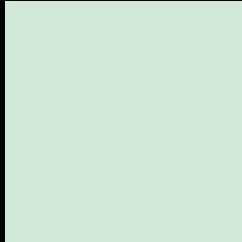
Large Text (above 18pt) WCAG AA × Fail

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 77.3588, 0.3071, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

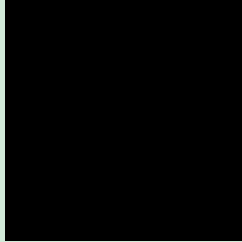
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

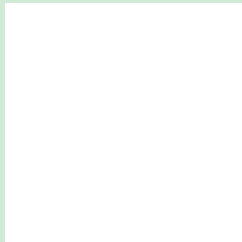
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3588, 0.3071, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 77.3588, 0.3071, 0.3488.

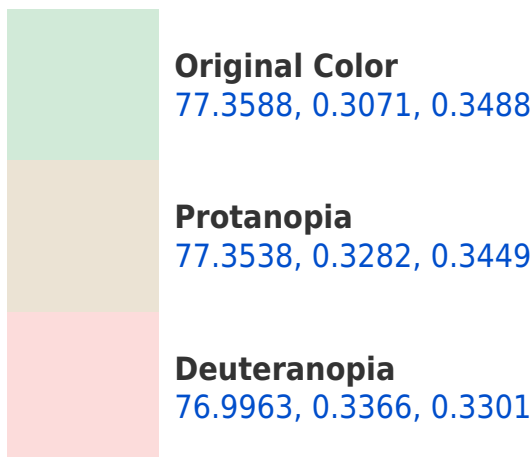


This preview shows how white text looks on a background with the Yxy color 77.3588, 0.3071, 0.3488.

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

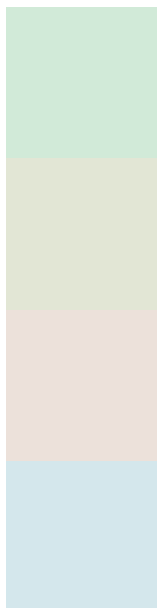




Tritanopia

77.1121, 0.2912, 0.3089

Trichromacy



Original Color

77.3588, 0.3071, 0.3488

Protanomaly

77.5665, 0.3208, 0.3472

Deuteranomaly

76.7452, 0.3251, 0.3364

Tritanomaly

77.2050, 0.2970, 0.3236

Monochromacy



Original Color

77.3588, 0.3071, 0.3488

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.7673, 0.3110, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3588, 0.3071, 0.3488 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(209, 234, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 234, 216) }
```

Border

The CSS property to change the border of an element to Yxy 77.3588, 0.3071, 0.3488 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, 216) }
```

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

```
.border{ border-color:rgb(209, 234, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 234, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 234, 216);  
box-shadow:4px 4px 4px 4px rgb(209, 234,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3588, 0.3071, 0.3488 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, 216) }
```

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

```
.background{ background-color: rgb(209,  
234, 216) }
```

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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