

Converting Colors

$Yxy(76.7107, 0.3042, 0.3423)$

Have a look what the booklet for
Yxy(76.7107, 0.3042, 0.3423)
contains.

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Color

Yxy(77.0004, 0.3047, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	D1E9DC
RGB	209, 233, 220
RGB Percent	82%, 91%, 86%
CMY	0.1805, 0.0862, 0.1374
CMYK	0.10, 0.00, 0.06, 0.09
HSL	147°, 35%, 87%
HSV	147°, 10%, 91%
XYZ	68.3426, 77.0004, 78.9518
YIQ	224.3420, -10.1310, -9.1310

Conversions

Conversions Part 2

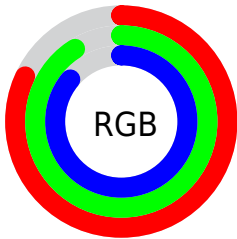
Format	Color
R_{YB}	209, 225, 233
Decimal	13756892
CIE _{Lab}	90.32, -10.34, 3.63
CIE _{LCh}	90, 10.962, 160.638
Yxy	77.0004, 0.3047, 0.3433
Android (android.graphics.Color)	4291946972 (0xFFD1E9DC)
YUV	224.3420, -2.1406, -13.4549
Hunter-Lab	87.7499, -14.5403, 8.0795

Details

The Yxy color **77.0004, 0.3047, 0.3433** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.1882, 0.3216, 0.3151**, and the grayscale version is **74.8172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0309, 0.3025, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **73.2058, 0.2971, 0.3588**, and if you desaturate by 10%, it is **81.3492, 0.3125, 0.3294**.

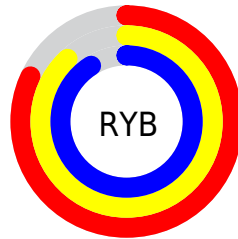
Distribution



Red (82%)

Green (91%)

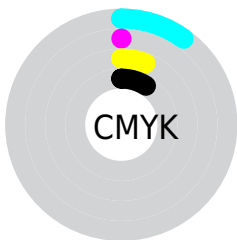
Blue (86%)



Red (82%)

Yellow (88%)

Blue (91%)

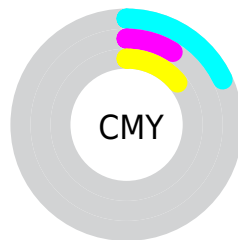


Cyan (10%)

Magenta (0%)

Yellow (6%)

Black (9%)



Cyan (18%)

Magenta (9%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.0004, 0.3047, 0.3433 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 77.0004, 0.3047, 0.3433 by changing the saturation by 10% instead.

■ 77.0004, 0.3047,
0.3433

■ 77.0004, 0.3047,
0.3433

484.7654, 0.3084,
0.3367

■ 57.2532, 0.3039,
0.3448

129.1400, 0.3060,
0.3410

■ 41.2086, 0.3028,
0.3467

162.3013, 0.3065,
0.3401

■ 28.4821, 0.3015,
0.3491

200.7027, 0.3069,
0.3393

■ 18.6894, 0.2997,
0.3522

244.7286, 0.3073,
0.3387

■ 11.4460, 0.2973,
0.3565

294.7634, 0.3076,
0.3381

■ 6.3677, 0.2939,
0.3627

351.1915, 0.3079,

■ 3.0699, 0.2884,

0.3376

0.3725

414.3974, 0.3082,
0.3371

■ 1.1683, 0.2786,
0.3905

■ 0.0356, 0.0000,
1.0000

■ 77.0004, 0.3047,
0.3433

■ 77.0004, 0.3047,
0.3433

■ 73.2058, 0.2971,
0.3588

■ 81.3492, 0.3125,
0.3294

■ 69.9330, 0.2900,
0.3760

■ 86.1544, 0.3199,
0.3171

■ 67.1611, 0.2836,
0.3948

■ 86.7664, 0.3137,
0.3078

■ 64.8638, 0.2783,
0.4149

■ 63.0126, 0.2744,
0.4359

■ 61.5756, 0.2723,
0.4574

■ 60.5165, 0.2720,
0.4787

■ 59.7921, 0.2738,
0.4990

■ 59.3402, 0.2770,
0.5173

Harmonies

Analogous

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



77.0004, 0.3177, 0.3504



77.0004, 0.3047, 0.3433



77.0004, 0.2940, 0.3322

Triad

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



77.0004, 0.3047, 0.3433



77.0004, 0.2958, 0.3072



77.0004, 0.3378, 0.3367

Complementary

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



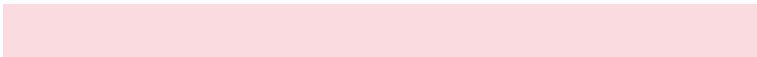
77.0004, 0.3047, 0.3433



68.1882, 0.3216, 0.3151

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.



77.0004, 0.3317, 0.3255



77.0004, 0.3047, 0.3433



77.0004, 0.3073, 0.3087

Square

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



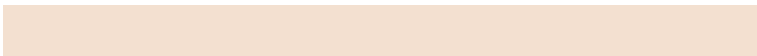
77.0004, 0.3047, 0.3433



77.0004, 0.2890, 0.3114



77.0004, 0.3205, 0.3153



77.0004, 0.3370, 0.3463

Rectangle

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



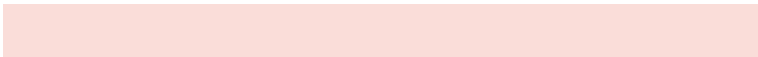
77.0004, 0.3047, 0.3433



77.0004, 0.2895, 0.3242



77.0004, 0.3205, 0.3153



77.0004, 0.3365, 0.3330

Sweetspot

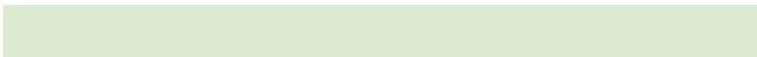
The Sweet Spot groups the original color and five complimentary colors.



77.0037, 0.3047, 0.3433



98.3135, 0.3104, 0.3330



78.4491, 0.3205, 0.3550



20.9489, 0.3097, 0.3341



0.0000, 0.0000, 0.0000



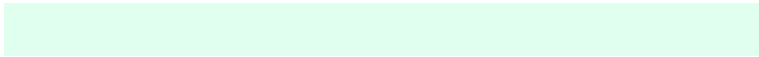
21.4041, 0.3127, 0.3290

Same Dimension

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



77.0037, 0.3047, 0.3433



93.6280, 0.3034, 0.3459



77.6533, 0.2976, 0.3303



16.9768, 0.3054, 0.3421



33.6903, 0.2763, 0.5145



2.6647, 0.2689, 0.4879

Inverse Universe

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



68.1882, 0.3216, 0.3151



81.1373, 0.3233, 0.3127



67.5754, 0.3301, 0.3278



15.1907, 0.3208, 0.3163



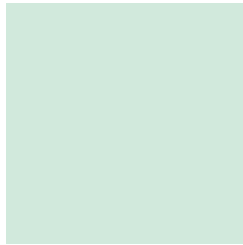
10.7154, 0.4777, 0.2405



0.8608, 0.4500, 0.2253

Previews

White Background



This preview shows how the Yxy color 77.0004, 0.3047, 0.3433 looks on a white background.

Color Contrast Check

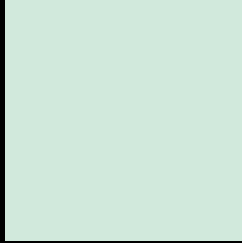
Large Text (above 18pt) WCAG AA × Fail

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 77.0004, 0.3047, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

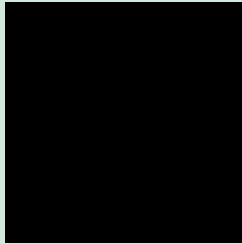
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

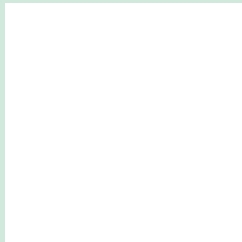
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.0004, 0.3047, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 77.0004, 0.3047, 0.3433.

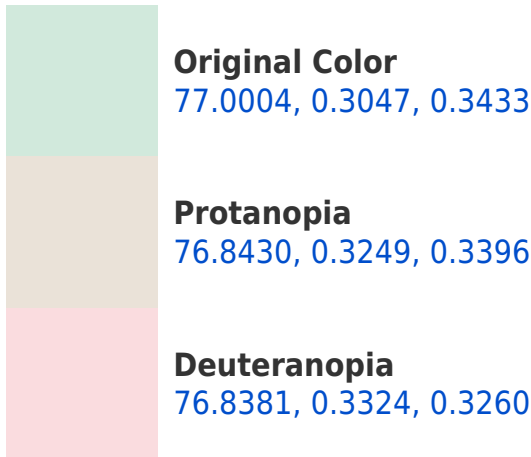


This preview shows how white text looks on a background with the Yxy color 77.0004, 0.3047, 0.3433.

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

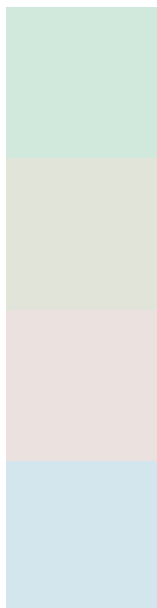




Tritanopia

77.0502, 0.2918, 0.3099

Trichromacy



Original Color

77.0004, 0.3047, 0.3433

Protanomaly

77.0559, 0.3176, 0.3419

Deuteranomaly

76.7865, 0.3217, 0.3322

Tritanomaly

76.7051, 0.2964, 0.3214

Monochromacy



Original Color

77.0004, 0.3047, 0.3433

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.3260, 0.3098, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0004, 0.3047, 0.3433 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, 233, 220)` looks like.

```
.text, #text, p{  
    color:rgb(209, 233, 220)  
}
```

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, 233, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 233, 220) }
```

Border

The CSS property to change the border of an element to Yxy 77.0004, 0.3047, 0.3433 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, 233, 220) }
```

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

```
.border{ border-color:rgb(209, 233, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 233, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 233, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 233, 220);  
box-shadow:4px 4px 4px 4px rgb(209, 233,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0004, 0.3047, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 233, 220) }
```

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

```
.background{ background-color: rgb(209,  
233, 220) }
```

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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