

Converting Colors

$Yxy(75.0011, 0.3035, 0.3423)$

Have a look what the booklet for
Yxy(75.0011, 0.3035, 0.3423)
contains.

Yxy(74.7774, 0.3040, 0.3423)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.7774, 0.3040, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	CEE6DA
RGB	206, 230, 218
RGB Percent	81%, 90%, 85%
CMY	0.1921, 0.0980, 0.1451
CMYK	0.10, 0.00, 0.05, 0.10
HSL	150°, 32%, 85%
HSV	150°, 10%, 90%
XYZ	66.4105, 74.7774, 77.2678
YIQ	221.4560, -10.4520, -8.8200

Conversions

Conversions Part 2

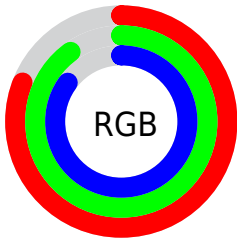
Format	Color
R _Y B	206, 222, 230
Decimal	13559514
CIE Lab	89.29, -10.15, 3.14
CIE LCh	89, 10.625, 162.812
Yxy	74.7774, 0.3040, 0.3423
Android (android.graphics.Color)	4291749594 (0xFFCEE6DA)
YUV	221.4560, -1.7038, -13.5549
Hunter-Lab	86.4739, -14.2443, 7.5538

Details

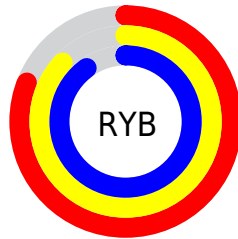
The Yxy color **74.7774, 0.3040, 0.3423** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.0394, 0.3224, 0.3161**, and the grayscale version is **72.6659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5918, 0.3024, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **71.1440, 0.2959, 0.3566**, and if you desaturate by 10%, it is **78.9406, 0.3124, 0.3295**.

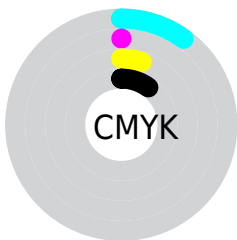
Distribution



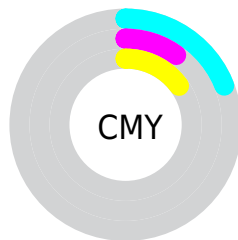
- Red (81%)
- Green (90%)
- Blue (85%)



- Red (81%)
- Yellow (87%)
- Blue (90%)



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



- Cyan (19%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7774, 0.3040, 0.3423 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 74.7774, 0.3040, 0.3423 by changing the saturation by 10% instead.

■ 74.7774, 0.3040,
0.3423

■ 74.7774, 0.3040,
0.3423

477.1521, 0.3081,
0.3361

■ 55.4305, 0.3031,
0.3437

125.9972, 0.3054,
0.3401

■ 39.7465, 0.3019,
0.3455

158.6390, 0.3060,
0.3393

■ 27.3410, 0.3005,
0.3477

196.4811, 0.3064,
0.3386

■ 17.8295, 0.2985,
0.3507

239.9081, 0.3068,
0.3380

■ 10.8276, 0.2959,
0.3548

289.3043, 0.3072,
0.3374

■ 5.9510, 0.2921,
0.3607

345.0541, 0.3075,

■ 2.8153, 0.2860,

0.3369

0.3702

407.5419, 0.3078,
0.3365

■ 1.0361, 0.2737,
0.3887

■ 0.0000, 0.0000,
0.0000

■ 74.7774, 0.3040,
0.3423

■ 74.7774, 0.3040,
0.3423

■ 71.1440, 0.2959,
0.3566

■ 78.9406, 0.3124,
0.3295

■ 68.0093, 0.2883,
0.3724

■ 83.6444, 0.3208,
0.3182

■ 65.3532, 0.2814,
0.3895

■ 84.9140, 0.3154,
0.3072

■ 63.1505, 0.2757,
0.4079

■ 85.0730, 0.3138,
0.3048

■ 61.3739, 0.2715,
0.4272

■ 59.9926, 0.2690,
0.4470

■ 58.9717, 0.2685,
0.4667

■ 58.2699, 0.2701,
0.4858

■ 57.8302, 0.2731,
0.5031

Harmonies

Analogous

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



74.7774, 0.3167, 0.3496



74.7774, 0.3040, 0.3423



74.7774, 0.2938, 0.3313

Triad

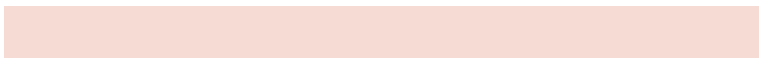
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7774, 0.3040, 0.3423



74.7774, 0.2969, 0.3076



74.7774, 0.3374, 0.3373

Complementary

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



74.7774, 0.3040, 0.3423



66.0394, 0.3224, 0.3161

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.



74.7774, 0.3319, 0.3264



74.7774, 0.3040, 0.3423



74.7774, 0.3084, 0.3094

Square

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



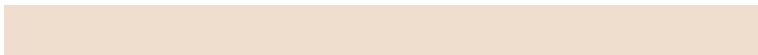
74.7774, 0.3040, 0.3423



74.7774, 0.2897, 0.3113



74.7774, 0.3212, 0.3163



74.7774, 0.3362, 0.3464

Rectangle

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



74.7774, 0.3040, 0.3423



74.7774, 0.2897, 0.3235



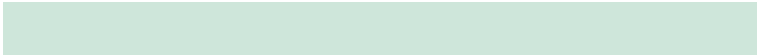
74.7774, 0.3212, 0.3163



74.7774, 0.3363, 0.3338

Sweetspot

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



74.7806, 0.3040, 0.3423



98.3339, 0.3102, 0.3327



76.0192, 0.3200, 0.3553



20.9544, 0.3095, 0.3337



0.0000, 0.0000, 0.0000



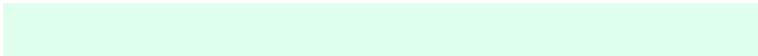
21.4041, 0.3127, 0.3290

Same Dimension

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



74.7806, 0.3040, 0.3423



93.2238, 0.3018, 0.3459



75.4088, 0.2970, 0.3294



16.2088, 0.3048, 0.3410



32.7653, 0.2723, 0.5003



2.4400, 0.2649, 0.4736

Inverse Universe

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



66.0394, 0.3224, 0.3161



79.6212, 0.3252, 0.3127



65.4535, 0.3309, 0.3286



14.4876, 0.3214, 0.3173



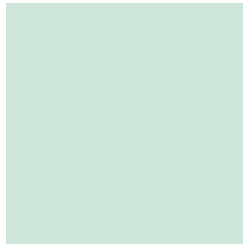
10.2500, 0.4954, 0.2503



0.7762, 0.4630, 0.2324

Previews

White Background



This preview shows how the Yxy color 74.7774, 0.3040, 0.3423 looks on a white background.

Color Contrast Check

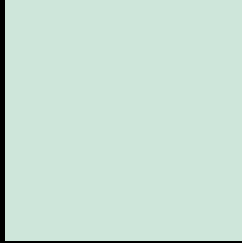
Large Text (above 18pt) WCAG AA × Fail

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 74.7774, 0.3040, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

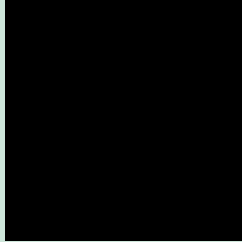
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

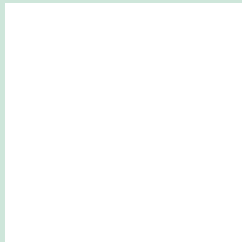
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7774, 0.3040, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 74.7774, 0.3040, 0.3423.

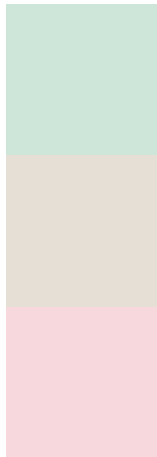


This preview shows how white text looks on a background with the Yxy color 74.7774, 0.3040, 0.3423.

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



Original Color

74.7774, 0.3040, 0.3423

Protanopia

74.4534, 0.3237, 0.3387

Deuteranopia

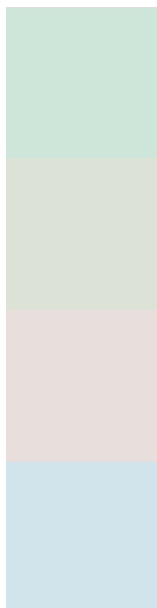
74.6203, 0.3319, 0.3250



Tritanopia

74.6260, 0.2909, 0.3096

Trichromacy



Original Color

74.7774, 0.3040, 0.3423

Protanomaly

74.6712, 0.3163, 0.3410

Deuteranomaly

74.5657, 0.3212, 0.3311

Tritanomaly

74.4916, 0.2956, 0.3203

Monochromacy



Original Color

74.7774, 0.3040, 0.3423

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0775, 0.3097, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7774, 0.3040, 0.3423 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(206, 230, 218)` looks like.

```
.text, #text, p{  
    color:rgb(206, 230, 218)  
}
```

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(206, 230, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 230, 218) }
```

Border

The CSS property to change the border of an element to Yxy 74.7774, 0.3040, 0.3423 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(206, 230, 218) }
```

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

```
.border{ border-color:rgb(206, 230, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 230, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 230, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 230, 218);  
box-shadow:4px 4px 4px 4px rgb(206, 230,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7774, 0.3040, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 230, 218) }
```

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

```
.background{ background-color: rgb(206,  
230, 218) }
```

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