

Converting Colors

$Yxy(74.1092, 0.3039, 0.3428)$

Have a look what the booklet for
Yxy(74.1092, 0.3039, 0.3428)
contains.

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Color

Yxy(74.0275, 0.3040, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	CDE5D9
RGB	205, 229, 217
RGB Percent	80%, 90%, 85%
CMY	0.1959, 0.1020, 0.1491
CMYK	0.10, 0.00, 0.05, 0.10
HSL	150°, 32%, 85%
HSV	150°, 10%, 90%
XYZ	65.7254, 74.0275, 76.4490
YIQ	220.4560, -10.4520, -8.8200

Conversions

Conversions Part 2

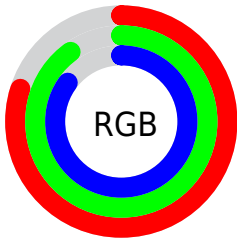
Format	Color
R _Y B	205, 221, 229
Decimal	13493721
CIE Lab	88.94, -10.16, 3.16
CIE LCh	89, 10.641, 162.705
Yxy	74.0275, 0.3040, 0.3424
Android (android.graphics.Color)	4291683801 (0xFFCDE5D9)
YUV	220.4560, -1.7038, -13.5549
Hunter-Lab	86.0392, -14.2126, 7.5462

Details

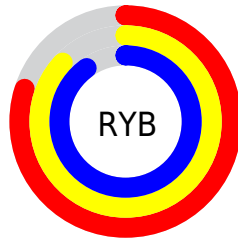
The Yxy color **74.0275, 0.3040, 0.3424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3533, 0.3224, 0.3160**, and the grayscale version is **71.9279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4600, 0.3023, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **70.4304, 0.2959, 0.3567**, and if you desaturate by 10%, it is **78.1492, 0.3123, 0.3296**.

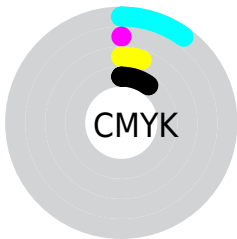
Distribution



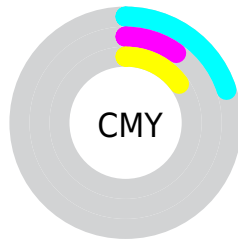
- Red (80%)
- Green (90%)
- Blue (85%)



- Red (80%)
- Yellow (87%)
- Blue (90%)



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



- Cyan (20%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0275, 0.3040, 0.3424 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 74.0275, 0.3040, 0.3424 by changing the saturation by 10% instead.

■ 74.0275, 0.3040,
0.3424

■ 74.0275, 0.3040,
0.3424

474.5683, 0.3081,
0.3362

■ 54.8165, 0.3031,
0.3438

124.9348, 0.3054,
0.3402

■ 39.2549, 0.3019,
0.3456

157.3999, 0.3060,
0.3394

■ 26.9581, 0.3004,
0.3479

195.0519, 0.3064,
0.3387

■ 17.5417, 0.2985,
0.3509

238.2751, 0.3068,
0.3380

■ 10.6215, 0.2958,
0.3550

287.4540, 0.3072,
0.3375

■ 5.8129, 0.2920,
0.3611

342.9728, 0.3075,

■ 2.7317, 0.2858,

0.3370

405.2161, 0.3078,
0.3365

0.3708

0.9933, 0.2724,
0.3908

0.0000, 0.0000,
0.0000

74.0275, 0.3040,
0.3424

74.0275, 0.3040,
0.3424

70.4304, 0.2959,
0.3567

78.1492, 0.3123,
0.3296

67.3271, 0.2883,
0.3726

82.8062, 0.3207,
0.3182

64.6976, 0.2815,
0.3898

84.2916, 0.3161,
0.3072

62.5172, 0.2758,
0.4083

84.5174, 0.3139,
0.3039

■ 60.7585, 0.2716,
0.4277

■ 59.3914, 0.2692,
0.4475

■ 58.3811, 0.2687,
0.4673

■ 57.6868, 0.2703,
0.4865

■ 57.2530, 0.2733,
0.5038

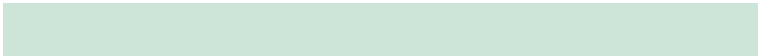
Harmonies

Analogous

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



74.0275, 0.3167, 0.3497



74.0275, 0.3040, 0.3424



74.0275, 0.2937, 0.3313

Triad

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



74.0275, 0.3040, 0.3424



74.0275, 0.2968, 0.3075



74.0275, 0.3376, 0.3373

Complementary

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



74.0275, 0.3040, 0.3424



65.3533, 0.3224, 0.3160

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.



74.0275, 0.3320, 0.3263



74.0275, 0.3040, 0.3424



74.0275, 0.3083, 0.3093

Square

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



74.0275, 0.3040, 0.3424



74.0275, 0.2896, 0.3112



74.0275, 0.3212, 0.3162



74.0275, 0.3363, 0.3465

Rectangle

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



74.0275, 0.3040, 0.3424



74.0275, 0.2896, 0.3235



74.0275, 0.3212, 0.3162



74.0275, 0.3364, 0.3337

Sweetspot

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



74.0306, 0.3040, 0.3424



98.3329, 0.3102, 0.3327



75.2632, 0.3201, 0.3554



20.9542, 0.3095, 0.3337



0.0000, 0.0000, 0.0000



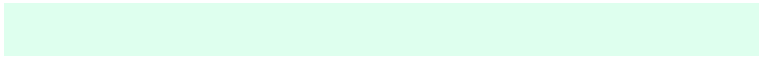
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0306, 0.3040, 0.3424



93.2200, 0.3019, 0.3460



74.6572, 0.2969, 0.3294



16.2083, 0.3048, 0.3410



32.7595, 0.2725, 0.5010



2.4396, 0.2651, 0.4742

Inverse Universe

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



65.3533, 0.3224, 0.3160



79.6250, 0.3252, 0.3126



64.7690, 0.3309, 0.3286



14.4881, 0.3214, 0.3173



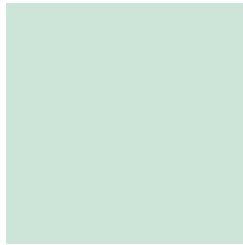
10.2559, 0.4945, 0.2498



0.7766, 0.4624, 0.2321

Previews

White Background



This preview shows how the Yxy color 74.0275, 0.3040, 0.3424 looks on a white background.

Color Contrast Check

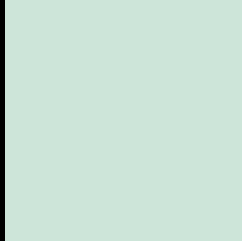
Large Text (above 18pt) WCAG AA × Fail

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 74.0275, 0.3040, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

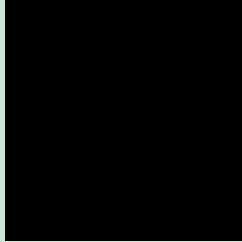
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

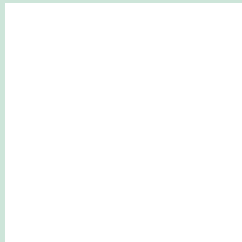
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0275, 0.3040, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 74.0275, 0.3040, 0.3424.

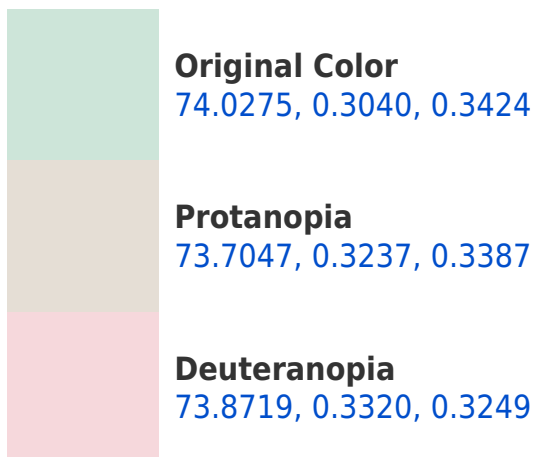


This preview shows how white text looks on a background with the Yxy color 74.0275, 0.3040, 0.3424.

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

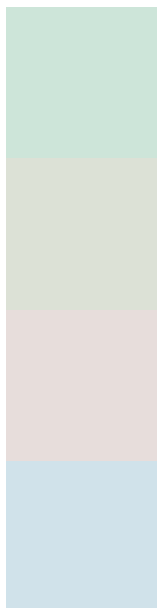




Tritanopia

73.8768, 0.2908, 0.3095

Trichromacy



Original Color

74.0275, 0.3040, 0.3424

Protanomaly

73.9211, 0.3164, 0.3410

Deuteranomaly

73.8163, 0.3212, 0.3312

Tritanomaly

73.7431, 0.2955, 0.3202

Monochromacy



Original Color

74.0275, 0.3040, 0.3424

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.3369, 0.3097, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0275, 0.3040, 0.3424 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(205, 229, 217)` looks like.

```
.text, #text, p{  
    color:rgb(205, 229, 217)  
}
```

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(205, 229, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 229, 217) }
```

Border

The CSS property to change the border of an element to Yxy 74.0275, 0.3040, 0.3424 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(205, 229, 217) }
```

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

```
.border{ border-color:rgb(205, 229, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 229, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 229, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 229, 217);  
box-shadow:4px 4px 4px 4px rgb(205, 229,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0275, 0.3040, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 229, 217) }
```

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

```
.background{ background-color: rgb(205,  
229, 217) }
```

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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