

Converting Colors

$Yxy(71.6677, 0.3072, 0.3386)$

Have a look what the booklet for
Yxy(71.6677, 0.3072, 0.3386)
contains.

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Color

Yxy(71.6275, 0.3074, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	D0E0D7
RGB	208, 224, 215
RGB Percent	82%, 88%, 84%
CMY	0.1843, 0.1215, 0.1570
CMYK	0.07, 0.00, 0.04, 0.12
HSL	146°, 21%, 85%
HSV	146°, 7%, 88%
XYZ	64.9316, 71.6275, 74.6692
YIQ	218.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

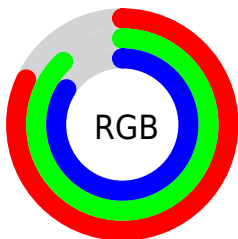
Format	Color
RYB	208, 219, 224
Decimal	13689047
CIELab	87.79, -7.00, 2.58
CIElCh	88, 7.464, 159.803
Yxy	71.6275, 0.3074, 0.3391
Android (android.graphics.Color)	4291879127 (0xFFD0E0D7)
YUV	218.1900, -1.5727, -8.9366
Hunter-Lab	84.6330, -11.1603, 6.9333

Details

The Yxy color **71.6275, 0.3074, 0.3391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9765, 0.3184, 0.3191**, and the grayscale version is **70.2645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7840, 0.3067, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **67.9838, 0.3001, 0.3547**, and if you desaturate by 10%, it is **75.7863, 0.3148, 0.3252**.

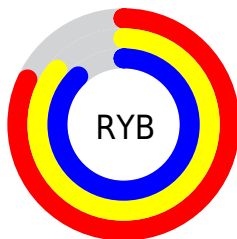
Distribution



Red (82%)

Green (88%)

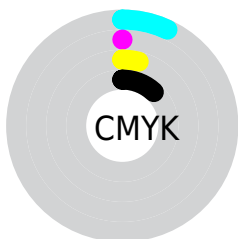
Blue (84%)



Red (82%)

Yellow (86%)

Blue (88%)

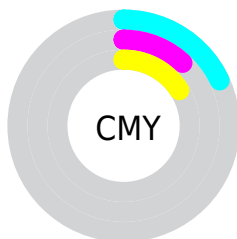


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (12%)



Cyan (18%)

Magenta (12%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6275, 0.3074, 0.3391 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 71.6275, 0.3074, 0.3391 by changing the saturation by 10% instead.

■ 71.6275, 0.3074,
0.3391

■ 71.6275, 0.3074,
0.3391

466.2440, 0.3099,
0.3344

■ 52.8544, 0.3068,
0.3402

121.5268, 0.3083,
0.3375

■ 37.6866, 0.3061,
0.3416

153.4218, 0.3086,
0.3368

■ 25.7395, 0.3052,
0.3433

190.4596, 0.3089,
0.3363

■ 16.6289, 0.3040,
0.3456

233.0246, 0.3091,
0.3358

■ 9.9702, 0.3023,
0.3487

281.5011, 0.3094,
0.3354

■ 5.3792, 0.2999,
0.3534

336.2736, 0.3096,

■ 2.4714, 0.2959,

0.3350

397.7264, 0.3097,
0.3347

0.3610

0.8623, 0.2858,
0.3799

0.0000, 0.0000,
0.0000

71.6275, 0.3074,
0.3391

71.6275, 0.3074,
0.3391

67.9838, 0.3001,
0.3547

75.7863, 0.3148,
0.3252

64.8257, 0.2931,
0.3721

80.4700, 0.3222,
0.3129

62.1346, 0.2867,
0.3911

81.6631, 0.3155,
0.3009

59.8872, 0.2812,
0.4116

81.7949, 0.3141,
0.2989

■ 58.0583, 0.2770,
0.4333

■ 56.6196, 0.2744,
0.4555

■ 55.5396, 0.2737,
0.4777

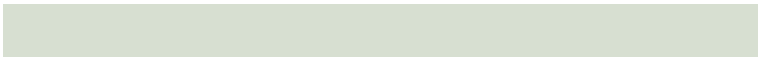
■ 54.7813, 0.2749,
0.4990

■ 54.2965, 0.2779,
0.5188

Harmonies

Analogous

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



71.6275, 0.3165, 0.3439



71.6275, 0.3074, 0.3391



71.6275, 0.2998, 0.3315

Triad

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



71.6275, 0.3074, 0.3391



71.6275, 0.3008, 0.3137



71.6275, 0.3301, 0.3343

Complementary

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



71.6275, 0.3074, 0.3391



65.9765, 0.3184, 0.3191

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.



71.6275, 0.3258, 0.3264



71.6275, 0.3074, 0.3391



71.6275, 0.3087, 0.3146

Square

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



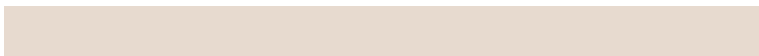
71.6275, 0.3074, 0.3391



71.6275, 0.2960, 0.3169



71.6275, 0.3179, 0.3192



71.6275, 0.3297, 0.3410

Rectangle

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



71.6275, 0.3074, 0.3391



71.6275, 0.2966, 0.3260



71.6275, 0.3179, 0.3192



71.6275, 0.3292, 0.3317

Sweetspot

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



71.6305, 0.3074, 0.3391



98.8613, 0.3112, 0.3318



72.6324, 0.3183, 0.3467



21.1723, 0.3113, 0.3316



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.



71.6305, 0.3074, 0.3391



95.0968, 0.3060, 0.3420



72.0505, 0.3024, 0.3302



15.4358, 0.3057, 0.3425



31.5601, 0.2782, 0.5214



2.2053, 0.2697, 0.4910

Inverse Universe

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



65.9765, 0.3184, 0.3191



85.5951, 0.3201, 0.3164



65.5713, 0.3241, 0.3279



13.8297, 0.3204, 0.3158



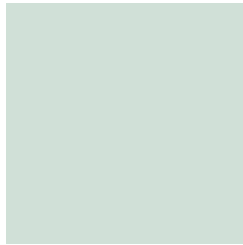
10.1334, 0.4678, 0.2351



0.7203, 0.4390, 0.2192

Previews

White Background



This preview shows how the Yxy color 71.6275, 0.3074, 0.3391 looks on a white background.

Color Contrast Check

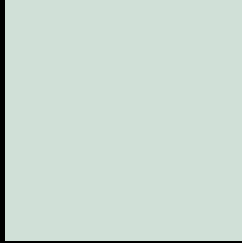
Large Text (above 18pt) WCAG AA × Fail

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 71.6275, 0.3074, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

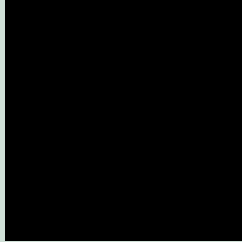
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

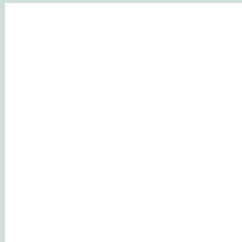
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6275, 0.3074, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 71.6275, 0.3074, 0.3391.

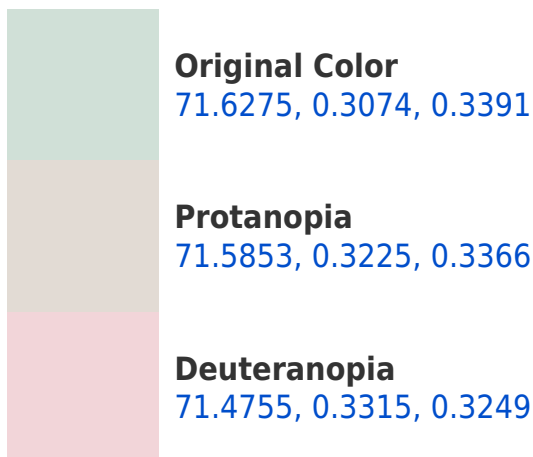


This preview shows how white text looks on a background with the Yxy color 71.6275, 0.3074, 0.3391.

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

71.8830, 0.2957, 0.3105

Trichromacy



Original Color

71.6275, 0.3074, 0.3391

Protanomaly

71.5771, 0.3166, 0.3378

Deuteranomaly

71.4066, 0.3229, 0.3301

Tritanomaly

71.8046, 0.3000, 0.3202

Monochromacy



Original Color

71.6275, 0.3074, 0.3391

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.4923, 0.3104, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6275, 0.3074, 0.3391 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(208, 224, 215)` looks like.

```
.text, #text, p{  
    color:rgb(208, 224, 215)  
}
```

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(208, 224, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 224, 215) }
```

Border

The CSS property to change the border of an element to Yxy 71.6275, 0.3074, 0.3391 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(208, 224, 215) }
```

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

```
.border{ border-color:rgb(208, 224, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 224, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 224, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 224, 215);  
box-shadow:4px 4px 4px 4px rgb(208, 224,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6275, 0.3074, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 224, 215) }
```

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

```
.background{ background-color: rgb(208,  
224, 215) }
```

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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