

Converting Colors

Yxy(72.6344, 0.3066, 0.3401)

Have a look what the booklet for
Yxy(72.6344, 0.3066, 0.3401)
contains.

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Color

Yxy(72.7605, 0.3067, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	D0E2D8
RGB	208, 226, 216
RGB Percent	82%, 89%, 85%
CMY	0.1841, 0.1138, 0.1529
CMYK	0.08, 0.00, 0.04, 0.11
HSL	147°, 24%, 85%
HSV	147°, 8%, 89%
XYZ	65.6150, 72.7605, 75.5631
YIQ	219.4780, -7.5180, -6.9260

Conversions

Conversions Part 2

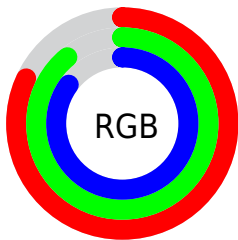
Format	Color
R _Y B	208, 220, 226
Decimal	13689560
CIE Lab	88.33, -7.81, 2.81
CIE LCh	88, 8.303, 160.187
Yxy	72.7605, 0.3067, 0.3401
Android (android.graphics.Color)	4291879640 (0xFFD0E2D8)
YUV	219.4780, -1.7147, -10.0662
Hunter-Lab	85.2998, -11.9674, 7.1876

Details

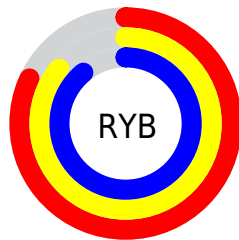
The Yxy color **72.7605, 0.3067, 0.3401** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3656, 0.3192, 0.3182**, and the grayscale version is **71.2112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5691, 0.3058, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **69.0918, 0.2993, 0.3556**, and if you desaturate by 10%, it is **76.9518, 0.3143, 0.3263**.

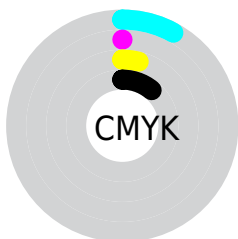
Distribution



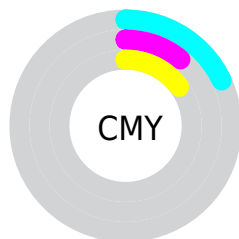
- Red (82%)
- Green (89%)
- Blue (85%)



- Red (82%)
- Yellow (86%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7605, 0.3067, 0.3401 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 72.7605, 0.3067, 0.3401 by changing the saturation by 10% instead.

■ 72.7605, 0.3067,
0.3401

■ 72.7605, 0.3067,
0.3401

470.1843, 0.3095,
0.3349

■ 53.7802, 0.3061,
0.3413

123.1371, 0.3077,
0.3383

■ 38.4259, 0.3052,
0.3428

155.3022, 0.3081,
0.3376

■ 26.3134, 0.3042,
0.3447

192.6310, 0.3084,
0.3370

■ 17.0583, 0.3029,
0.3472

235.5079, 0.3087,
0.3365

■ 10.2760, 0.3010,
0.3506

284.3173, 0.3089,
0.3360

■ 5.5824, 0.2983,
0.3557

339.4436, 0.3091,

■ 2.5928, 0.2939,

0.3356

401.2711, 0.3093,
0.3352

0.3638

0.9231, 0.2839,
0.3819

0.0000, 0.0000,
0.0000

72.7605, 0.3067,
0.3401

72.7605, 0.3067,
0.3401

69.0918, 0.2993,
0.3556

76.9518, 0.3143,
0.3263

65.9157, 0.2922,
0.3728

81.6760, 0.3218,
0.3141

63.2131, 0.2858,
0.3917

82.7844, 0.3149,
0.3021

60.9601, 0.2803,
0.4119

82.8679, 0.3140,
0.3009

■ 59.1306, 0.2761,
0.4333

■ 57.6959, 0.2736,
0.4552

■ 56.6233, 0.2730,
0.4770

■ 55.8745, 0.2743,
0.4980

■ 55.3967, 0.2774,
0.5175

Harmonies

Analogous

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



72.7605, 0.3168, 0.3455



72.7605, 0.3067, 0.3401



72.7605, 0.2983, 0.3316

Triad

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



72.7605, 0.3067, 0.3401



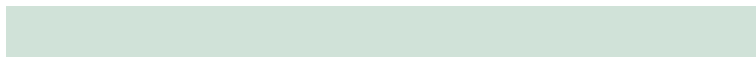
72.7605, 0.2996, 0.3121



72.7605, 0.3320, 0.3349

Complementary

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



72.7605, 0.3067, 0.3401



66.3656, 0.3192, 0.3182

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.



72.7605, 0.3273, 0.3262



72.7605, 0.3067, 0.3401



72.7605, 0.3084, 0.3132

Square

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



72.7605, 0.3067, 0.3401



72.7605, 0.2943, 0.3155



72.7605, 0.3186, 0.3183



72.7605, 0.3315, 0.3423

Rectangle

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



72.7605, 0.3067, 0.3401



72.7605, 0.2948, 0.3255



72.7605, 0.3186, 0.3183



72.7605, 0.3310, 0.3321

Sweetspot

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



72.7636, 0.3067, 0.3401



98.8643, 0.3112, 0.3317



73.8830, 0.3189, 0.3487



21.1729, 0.3113, 0.3316



0.0000, 0.0000, 0.0000



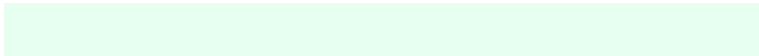
21.4041, 0.3127, 0.3290

Same Dimension

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



72.7636, 0.3067, 0.3401



94.6009, 0.3051, 0.3433



73.2298, 0.3012, 0.3303



15.4379, 0.3056, 0.3423



31.5834, 0.2773, 0.5184



2.2070, 0.2690, 0.4883

Inverse Universe

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



66.3656, 0.3192, 0.3182



84.0875, 0.3211, 0.3152



65.9182, 0.3255, 0.3277



13.8274, 0.3206, 0.3160



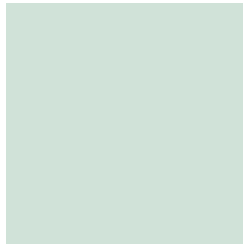
10.1022, 0.4717, 0.2372



0.7182, 0.4421, 0.2209

Previews

White Background



This preview shows how the Yxy color 72.7605, 0.3067, 0.3401 looks on a white background.

Color Contrast Check

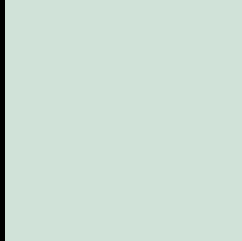
Large Text (above 18pt) WCAG AA × Fail

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 72.7605, 0.3067, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

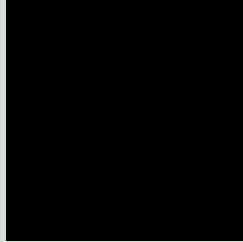
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

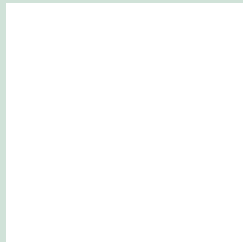
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7605, 0.3067, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 72.7605, 0.3067, 0.3401.

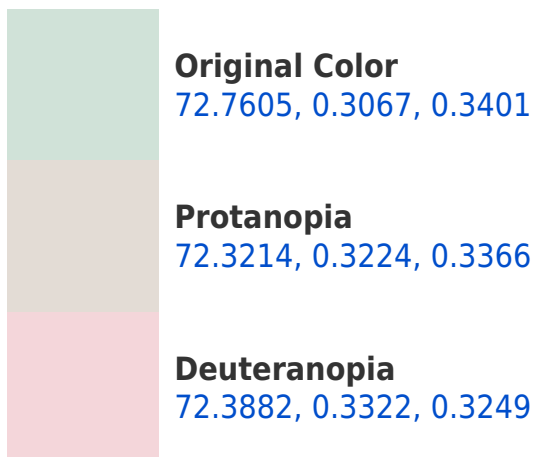


This preview shows how white text looks on a background with the Yxy color 72.7605, 0.3067, 0.3401.

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

72.5309, 0.2945, 0.3095

Trichromacy



Original Color

72.7605, 0.3067, 0.3401

Protanomaly

72.3132, 0.3166, 0.3378

Deuteranomaly

72.1415, 0.3228, 0.3301

Tritanomaly

72.3938, 0.2993, 0.3202

Monochromacy



Original Color

72.7605, 0.3067, 0.3401

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.7516, 0.3104, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7605, 0.3067, 0.3401 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, 226, 216) looks like.

```
.text, #text, p{  
    color:rgb(208, 226, 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(208, 226, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 226, 216) }
```

Border

The CSS property to change the border of an element to Yxy 72.7605, 0.3067, 0.3401 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, 226, 216) }
```

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

```
.border{ border-color:rgb(208, 226, 216) }
```

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

Here you see how a box with a 4 pixel rgb(208, 226, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 226, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 226, 216);  
box-shadow:4px 4px 4px 4px rgb(208, 226,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 72.7605, 0.3067, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 226, 216) }
```

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

```
.background{ background-color: rgb(208,  
226, 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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