

Converting Colors

Yxy(69.5444, 0.3013, 0.3336)

Have a look what the booklet for
Yxy(69.5444, 0.3013, 0.3336)
contains.

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Color

Yxy(69.7220, 0.3007, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	C9DEDA
RGB	201, 222, 218
RGB Percent	79%, 87%, 85%
CMY	0.2117, 0.1294, 0.1451
CMYK	0.09, 0.00, 0.02, 0.13
HSL	169°, 24%, 83%
HSV	169°, 9%, 87%
XYZ	62.8648, 69.7220, 76.4747
YIQ	215.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

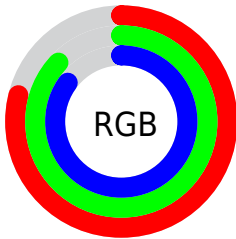
Format	Color
R _Y B	201, 213, 222
Decimal	13229786
CIE Lab	86.86, -7.72, -0.43
CIE LCh	87, 7.737, 183.219
Yxy	69.7220, 0.3007, 0.3335
Android (android.graphics.Color)	4291419866 (0xFFC9DEDA)
YUV	215.2650, 1.3484, -12.5104
Hunter-Lab	83.4997, -11.7364, 4.1480

Details

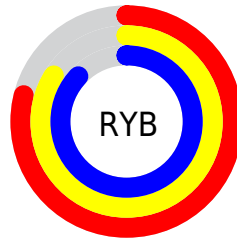
The Yxy color **69.7220, 0.3007, 0.3335** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7150, 0.3262, 0.3246**, and the grayscale version is **68.1427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4848, 0.2980, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **66.6485, 0.2886, 0.3387**, and if you desaturate by 10%, it is **73.2517, 0.3134, 0.3288**.

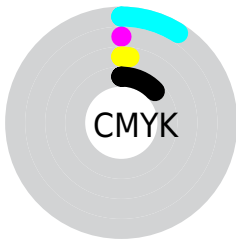
Distribution



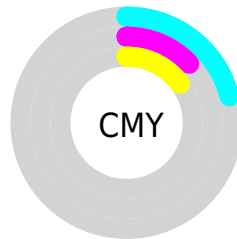
- Red (79%)
- Green (87%)
- Blue (85%)



- Red (79%)
- Yellow (84%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.7220, 0.3007, 0.3335 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 69.7220, 0.3007, 0.3335 by changing the saturation by 10% instead.

■ 69.7220, 0.3007,
0.3335

■ 69.7220, 0.3007,
0.3335

459.5733, 0.3063,
0.3314

■ 51.2999, 0.2994,
0.3340

118.8122, 0.3027,
0.3328

■ 36.4474, 0.2978,
0.3346

150.2492, 0.3034,
0.3325

■ 24.7799, 0.2958,
0.3353

186.7932, 0.3041,
0.3323

■ 15.9131, 0.2931,
0.3363

228.8287, 0.3046,
0.3320

■ 9.4627, 0.2894,
0.3377

276.7400, 0.3051,
0.3319

■ 5.0442, 0.2840,
0.3396

330.9117, 0.3056,

■ 2.2732, 0.2753,

0.3317

0.3428

391.7280, 0.3060,
0.3316

0.7595, 0.2480,
0.3532

0.0000, 0.0000,
0.0000

69.7220, 0.3007,
0.3335

69.7220, 0.3007,
0.3335

66.6485, 0.2886,
0.3387

73.2517, 0.3134,
0.3288

64.0033, 0.2773,
0.3444

77.2467, 0.3264,
0.3245

61.7690, 0.2671,
0.3505

79.2565, 0.3305,
0.3204

59.9235, 0.2584,
0.3569


79.4981, 0.3276,
0.3162

 58.4427, 0.2514,
0.3636

 79.7454, 0.3247,
0.3121

 57.2996, 0.2462,
0.3705

 79.9986, 0.3219,
0.3080

 56.4637, 0.2430,
0.3774

 80.2577, 0.3191,
0.3040

 55.8987, 0.2417,
0.3844

 80.5228, 0.3163,
0.2999

 55.5445, 0.2421,
0.3913

 80.7243, 0.3142,
0.2970

Harmonies

Analogous

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



69.7220, 0.3092, 0.3410



69.7220, 0.3007, 0.3335



69.7220, 0.2954, 0.3249

Triad

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



69.7220, 0.3007, 0.3335



69.7220, 0.3065, 0.3134



69.7220, 0.3310, 0.3402

Complementary

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



69.7220, 0.3007, 0.3335



61.7150, 0.3262, 0.3246

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.



69.7220, 0.3303, 0.3327



69.7220, 0.3007, 0.3335



69.7220, 0.3161, 0.3175

Square

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



69.7220, 0.3007, 0.3335



69.7220, 0.2988, 0.3134



69.7220, 0.3248, 0.3245



69.7220, 0.3267, 0.3448

Rectangle

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



69.7220, 0.3007, 0.3335



69.7220, 0.2944, 0.3197



69.7220, 0.3248, 0.3245



69.7220, 0.3314, 0.3379

Sweetspot

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



69.7249, 0.3007, 0.3335



98.4843, 0.3088, 0.3304



69.4702, 0.3146, 0.3530



20.9951, 0.3078, 0.3308



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.



69.7249, 0.3007, 0.3335



94.7233, 0.2987, 0.3343



66.6531, 0.2981, 0.3218



15.5252, 0.3007, 0.3335



32.9968, 0.2418, 0.3906



2.2988, 0.2389, 0.3800

Inverse Universe

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



61.7150, 0.3262, 0.3246



82.0138, 0.3288, 0.3238



64.5217, 0.3285, 0.3361



13.7430, 0.3262, 0.3246



9.3371, 0.6092, 0.3130



0.6596, 0.5674, 0.2900

Previews

White Background



This preview shows how the Yxy color 69.7220, 0.3007, 0.3335 looks on a white background.

Color Contrast Check

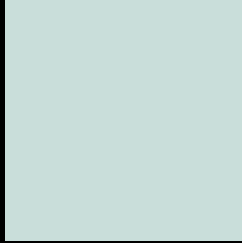
Large Text (above 18pt) WCAG AA × Fail

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 69.7220, 0.3007, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

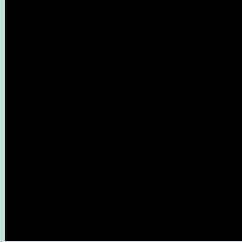
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

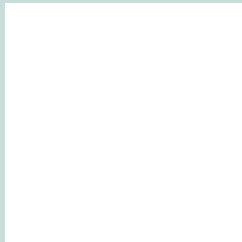
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.7220, 0.3007, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 69.7220, 0.3007, 0.3335.



This preview shows how white text looks on a background with the Yxy color 69.7220, 0.3007, 0.3335.

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**

69.7220, 0.3007, 0.3335

Protanopia

69.5476, 0.3178, 0.3301

Deuteranopia

69.2650, 0.3259, 0.3185



Tritanopia

69.6148, 0.2909, 0.3091

Trichromacy



Original Color

69.7220, 0.3007, 0.3335

Protanomaly

69.3968, 0.3112, 0.3312

Deuteranomaly

69.0549, 0.3166, 0.3236

Tritanomaly

69.5961, 0.2945, 0.3178

Monochromacy



Original Color

69.7220, 0.3007, 0.3335

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.8023, 0.3083, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7220, 0.3007, 0.3335 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(201, 222, 218)` looks like.

```
.text, #text, p{  
    color:rgb(201, 222, 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(201, 222, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 222, 218) }
```

Border

The CSS property to change the border of an element to Yxy 69.7220, 0.3007, 0.3335 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(201, 222, 218) }
```

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

```
.border{ border-color:rgb(201, 222, 218) }
```

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

Here you see how a box with a 4 pixel rgb(201, 222, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 222, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 222, 218);  
box-shadow:4px 4px 4px 4px rgb(201, 222,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7220, 0.3007, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 222, 218) }
```

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

```
.background{ background-color: rgb(201,  
222, 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](#).

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