

Converting Colors

Yxy(69.9220, 0.3044, 0.3464)

Have a look what the booklet for
Yxy(69.9220, 0.3044, 0.3464)
contains.

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Color

Yxy(69.9205, 0.3043, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	C6E0D1
RGB	198, 224, 209
RGB Percent	78%, 88%, 82%
CMY	0.2234, 0.1216, 0.1803
CMYK	0.12, 0.00, 0.07, 0.12
HSL	145°, 30%, 83%
HSV	145°, 12%, 88%
XYZ	61.4581, 69.9205, 70.5870
YIQ	214.5160, -10.6810, -10.1770

Conversions

Conversions Part 2

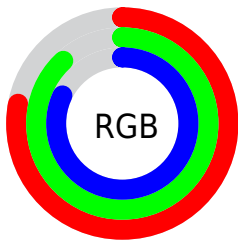
Format	Color
RYB	198, 216, 224
Decimal	13033681
CIELab	86.96, -11.42, 4.42
CIElCh	87, 12.244, 158.847
Yxy	69.9205, 0.3043, 0.3462
Android (android.graphics.Color)	4291223761 (0xFFC6E0D1)
YUV	214.5160, -2.7194, -14.4845
Hunter-Lab	83.6185, -15.1379, 8.4830

Details

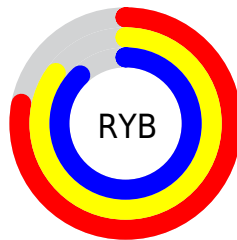
The Yxy color **69.9205, 0.3043, 0.3462** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0494, 0.3221, 0.3124**, and the grayscale version is **67.6394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6718, 0.3019, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **66.4865, 0.2972, 0.3630**, and if you desaturate by 10%, it is **73.8625, 0.3116, 0.3312**.

Distribution



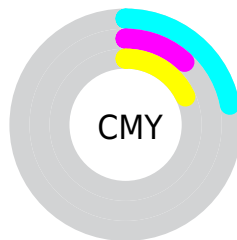
- Red (78%)
- Green (88%)
- Blue (82%)



- Red (78%)
- Yellow (85%)
- Blue (88%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (22%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9205, 0.3043, 0.3462 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 69.9205, 0.3043, 0.3462 by changing the saturation by 10% instead.

69.9205, 0.3043,
0.3462

69.9205, 0.3043,
0.3462

460.2708, 0.3083,
0.3381

51.4617, 0.3034,
0.3481

119.0954, 0.3057,
0.3433

36.5762, 0.3022,
0.3505

150.5803, 0.3062,
0.3422

24.8795, 0.3007,
0.3535

187.1760, 0.3067,
0.3413

15.9873, 0.2987,
0.3576

229.2669, 0.3071,
0.3405

9.5152, 0.2960,
0.3632

277.2375, 0.3074,
0.3398

5.0787, 0.2918,
0.3717

331.4721, 0.3078,

2.2935, 0.2850,

0.3391

392.3550, 0.3080,
0.3386

0.3856

0.7703, 0.2586,
0.4393

0.0000, 0.0000,
0.0000

69.9205, 0.3043,
0.3462

69.9205, 0.3043,
0.3462

66.4865, 0.2972,
0.3630

73.8625, 0.3116,
0.3312

63.5307, 0.2906,
0.3815

78.3233, 0.3188,
0.3180

61.0336, 0.2847,
0.4016

81.3340, 0.3188,
0.3058

58.9710, 0.2799,
0.4232

81.7906, 0.3141,
0.2989

■ 57.3164, 0.2765,
0.4456

■ 56.0401, 0.2748,
0.4684

■ 55.1083, 0.2750,
0.4906

■ 54.4807, 0.2771,
0.5116

■ 54.1331, 0.2800,
0.5278

Harmonies

Analogous

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



69.9205, 0.3193, 0.3540



69.9205, 0.3043, 0.3462



69.9205, 0.2917, 0.3335

Triad

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



69.9205, 0.3043, 0.3462



69.9205, 0.2926, 0.3040



69.9205, 0.3415, 0.3371

Complementary

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



69.9205, 0.3043, 0.3462



61.0494, 0.3221, 0.3124

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.



69.9205, 0.3340, 0.3242



69.9205, 0.3043, 0.3462



69.9205, 0.3056, 0.3054

Square

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



69.9205, 0.3043, 0.3462



69.9205, 0.2851, 0.3091



69.9205, 0.3208, 0.3127



69.9205, 0.3410, 0.3483

Rectangle

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



69.9205, 0.3043, 0.3462



69.9205, 0.2863, 0.3242



69.9205, 0.3208, 0.3127



69.9205, 0.3398, 0.3328

Sweetspot

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



69.9235, 0.3043, 0.3462



98.2969, 0.3105, 0.3333



71.5611, 0.3221, 0.3582



20.9445, 0.3099, 0.3344



0.0000, 0.0000, 0.0000



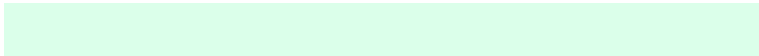
21.4041, 0.3127, 0.3290

Same Dimension

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



69.9235, 0.3043, 0.3462



92.5906, 0.3025, 0.3502



70.5843, 0.2963, 0.3314



15.4330, 0.3059, 0.3428



31.5317, 0.2792, 0.5250



2.2032, 0.2707, 0.4944

Inverse Universe

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



61.0494, 0.3221, 0.3124



78.3646, 0.3244, 0.3087



60.4238, 0.3318, 0.3266



13.8324, 0.3202, 0.3156



10.1735, 0.4630, 0.2324



0.7230, 0.4351, 0.2171

Previews

White Background



This preview shows how the Yxy color 69.9205, 0.3043, 0.3462 looks on a white background.

Color Contrast Check

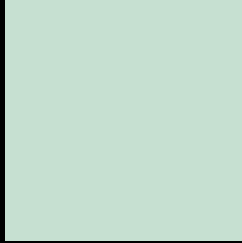
Large Text (above 18pt) WCAG AA × Fail

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 69.9205, 0.3043, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

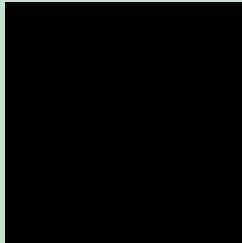
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

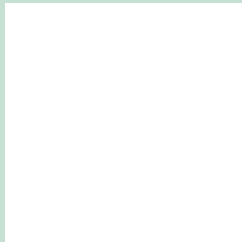
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.9205, 0.3043, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 69.9205, 0.3043, 0.3462.

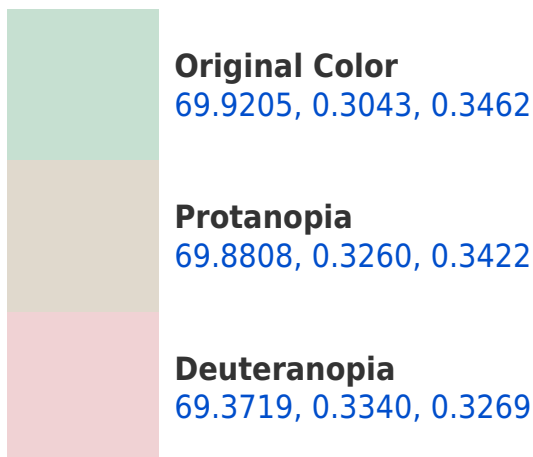


This preview shows how white text looks on a background with the Yxy color 69.9205, 0.3043, 0.3462.

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

69.9973, 0.2903, 0.3102

Trichromacy



Original Color

69.9205, 0.3043, 0.3462

Protanomaly

70.0897, 0.3184, 0.3447

Deuteranomaly

69.3116, 0.3228, 0.3334

Tritanomaly

69.6765, 0.2951, 0.3222

Monochromacy



Original Color

69.9205, 0.3043, 0.3462

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.5022, 0.3096, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9205, 0.3043, 0.3462 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(198, 224, 209)` looks like.

```
.text, #text, p{  
    color:rgb(198, 224, 209)  
}
```

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(198, 224, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 224, 209) }
```

Border

The CSS property to change the border of an element to Yxy 69.9205, 0.3043, 0.3462 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(198, 224, 209) }
```

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

```
.border{ border-color:rgb(198, 224, 209) }
```

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

Here you see how a box with a 4 pixel rgb(198, 224, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 224, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 224, 209);  
box-shadow:4px 4px 4px 4px rgb(198, 224,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9205, 0.3043, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 224, 209) }
```

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

```
.background{ background-color: rgb(198,  
224, 209) }
```

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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