

Converting Colors

$Yxy(70.3739, 0.3030, 0.3462)$

Have a look what the booklet for
Yxy(70.3739, 0.3030, 0.3462)
contains.

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Color

Yxy(70.3739, 0.3030, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	C5E1D2
RGB	197, 225, 210
RGB Percent	77%, 88%, 82%
CMY	0.2273, 0.1177, 0.1765
CMYK	0.12, 0.00, 0.07, 0.12
HSL	148°, 32%, 83%
HSV	148°, 12%, 88%
XYZ	61.5924, 70.3739, 71.3090
YIQ	214.9180, -11.8730, -10.6010

Conversions

Conversions Part 2

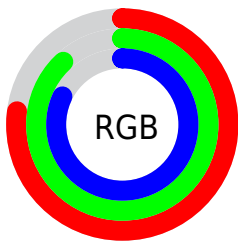
Format	Color
RYB	197, 216, 225
Decimal	12968402
CIELab	87.18, -12.06, 4.21
CIELCh	87, 12.776, 160.746
Yxy	70.3739, 0.3030, 0.3462
Android (android.graphics.Color)	4291158482 (0xFFC5E1D2)
YUV	214.9180, -2.4246, -15.7141
Hunter-Lab	83.8892, -15.7492, 8.3237

Details

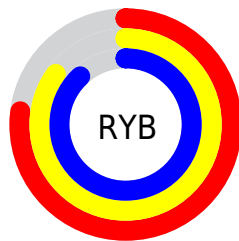
The Yxy color **70.3739, 0.3030, 0.3462** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.7153, 0.3237, 0.3124**, and the grayscale version is **67.9259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **36.9894, 0.3002, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **66.9827, 0.2954, 0.3619**, and if you desaturate by 10%, it is **74.2697, 0.3108, 0.3322**.

Distribution



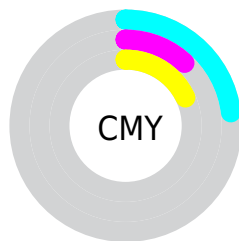
- Red (77%)
- Green (88%)
- Blue (82%)



- Red (77%)
- Yellow (85%)
- Blue (88%)



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



- Cyan (23%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3739, 0.3030, 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 70.3739, 0.3030, 0.3462 by changing the saturation by 10% instead.

70.3739, 0.3030,
0.3462

70.3739, 0.3030,
0.3462

461.8617, 0.3076,
0.3381

51.8314, 0.3019,
0.3481

119.7418, 0.3046,
0.3434

36.8707, 0.3006,
0.3505

151.3360, 0.3052,
0.3423

25.1074, 0.2989,
0.3535

188.0496, 0.3058,
0.3413

16.1571, 0.2966,
0.3575

230.2669, 0.3062,
0.3405

9.6354, 0.2935,
0.3631

278.3724, 0.3066,
0.3398

5.1579, 0.2888,
0.3715


332.7505, 0.3070,

2.3402, 0.2812,

0.3392

0.3853


393.7854, 0.3073,
0.3386


 0.7949, 0.2524,
0.4351


 0.0000, 0.0000,
0.0000


 70.3739, 0.3030,
0.3462


 70.3739, 0.3030,
0.3462


 66.9827, 0.2954,
0.3619


 74.2697, 0.3108,
0.3322


 64.0663, 0.2884,
0.3792

 78.6810, 0.3187,
0.3197

 61.6051, 0.2822,
0.3979

 81.7741, 0.3198,
0.3083

 59.5746, 0.2771,
0.4180

 82.3273, 0.3141,
0.2999

■ 57.9481, 0.2734,
0.4389

■ 56.6957, 0.2716,
0.4601

■ 55.7830, 0.2717,
0.4810

■ 55.1690, 0.2738,
0.5009

■ 54.8526, 0.2764,
0.5151

Harmonies

Analogous

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



70.3739, 0.3186, 0.3548



70.3739, 0.3030, 0.3462



70.3739, 0.2902, 0.3327

Triad

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



70.3739, 0.3030, 0.3462



70.3739, 0.2925, 0.3029



70.3739, 0.3429, 0.3382

Complementary

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



70.3739, 0.3030, 0.3462



60.7153, 0.3237, 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.



70.3739, 0.3356, 0.3248



70.3739, 0.3030, 0.3462



70.3739, 0.3063, 0.3048

Square

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



70.3739, 0.3030, 0.3462



70.3739, 0.2843, 0.3078



70.3739, 0.3221, 0.3127



70.3739, 0.3419, 0.3497

Rectangle

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



70.3739, 0.3030, 0.3462



70.3739, 0.2849, 0.3231



70.3739, 0.3221, 0.3127



70.3739, 0.3413, 0.3338

Sweetspot

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



70.3769, 0.3030, 0.3462



97.7691, 0.3095, 0.3343



71.9397, 0.3221, 0.3605



20.8395, 0.3090, 0.3353



0.0000, 0.0000, 0.0000



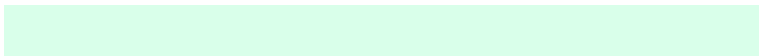
21.4041, 0.3127, 0.3290

Same Dimension

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



70.3769, 0.3030, 0.3462



92.2015, 0.3009, 0.3502



71.0837, 0.2946, 0.3305



15.4424, 0.3053, 0.3419



31.6335, 0.2756, 0.5122



2.2106, 0.2674, 0.4827

Inverse Universe

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



60.7153, 0.3237, 0.3124



76.8872, 0.3265, 0.3087



60.0575, 0.3341, 0.3275



13.8229, 0.3208, 0.3165



10.0395, 0.4798, 0.2417



0.7139, 0.4486, 0.2245

Previews

White Background



This preview shows how the Yxy color 70.3739, 0.3030, 0.3462 looks on a white background.

Color Contrast Check

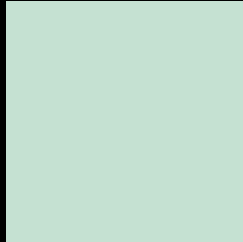
Large Text (above 18pt) WCAG AA × Fail

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 70.3739, 0.3030, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

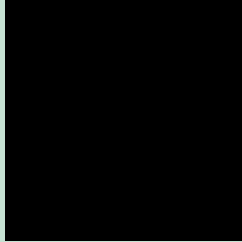
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

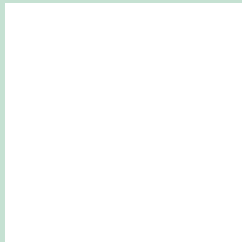
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.3739, 0.3030, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 70.3739, 0.3030, 0.3462.

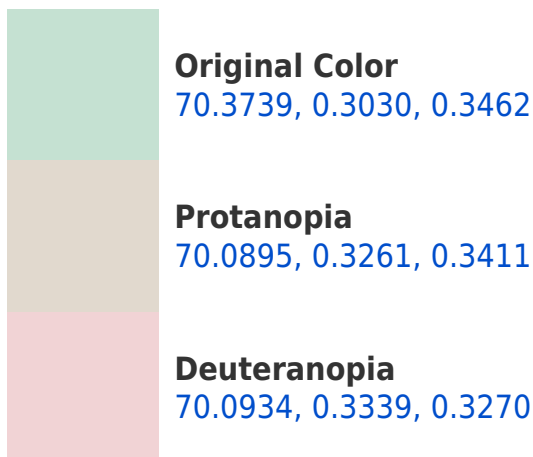


This preview shows how white text looks on a background with the Yxy color 70.3739, 0.3030, 0.3462.

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

70.4425, 0.2890, 0.3102

Trichromacy



Original Color

70.3739, 0.3030, 0.3462

Protanomaly

70.1385, 0.3178, 0.3435

Deuteranomaly

69.8728, 0.3220, 0.3334

Tritanomaly

70.1233, 0.2938, 0.3222

Monochromacy



Original Color

70.3739, 0.3030, 0.3462

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.8770, 0.3088, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3739, 0.3030, 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(197, 225, 210)` looks like.

```
.text, #text, p{  
    color:rgb(197, 225, 210)  
}
```

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(197, 225, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 225, 210) }
```

Border

The CSS property to change the border of an element to Yxy 70.3739, 0.3030, 0.3462 is called "border". The border property can be set on classes, ids or directly on the HTML element.

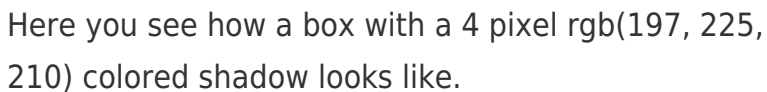
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 225, 210) }
```

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

```
.border{ border-color:rgb(197, 225, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 225, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 225, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 225, 210); box-shadow:4px 4px 4px 4px rgb(197, 225, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3739, 0.3030, 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(197, 225, 210) }
```

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

```
.background{ background-color: rgb(197,  
225, 210) }
```

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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